

Army Regulation 50-6

Nuclear and Chemical Weapons and Materiel

Chemical Surety

**Headquarters
Department of the Army
Washington, DC
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Unclassified

SUMMARY of CHANGE

AR 50-6

Chemical Surety

This revision--

- o Follows basic chemical agent surety policies set forth by DOD, establishing the surety requirements for chemical agents in this regulation(para 1-4).
- o Designates the DCSOPS (DAMO-FDB) as approval authority for waivers and exceptions to policy requirements and reclaims to chemical surety inspections (para 1-8b).
- o This regulation may be cited by commanders as authority for requesting resources to implement authorized procedures that will enhance safety, security, or personnel reliability of chemical surety operations(para 1-8a(1)).
- o Establishes HQDA (DAMO-FDB) as the authority to grant exceptions to policy allowing non-U.S. citizens to gain PRP certification on a case-by-case basis(para 2-4j).
- o Establishes a set of comprehensive rules, cited by situational examples, for the proper administration of the Personnel Security Investigations and Clearance requirements for PRP (para 2-6).
- o Designates the Director, U.S. Army Nuclear and Chemical Agency as the sole recipient of the new revised Annual PRP Status Report (RCS DDPOL(A)1403), and the requirement for submission by all MACOMS (para 2-26/27).
- o Establishes policies and procedures for the transportation of chemical agent in all areas within the U.S. and OCONUS(para 3-1).
- o Incorporates interim change 101, dated 10 May 91, thereby revising the Chemical Accident or Incident Response and Assistance Event Reporting Procedure (para 4-4).
- o Revised the chemical agents policy and procedures for a new occupational safety and health program (para 5-1).
- o Establishes a new chapter 9 providing guidance for managing chemical agent contracts at government owned contractor operated (GOCO) and contractor owned contractor operated (COCO) facilities to include academic institutions and demilitarization facilities (para 8-1).
- o Establishes a new chapter 9 providing special guidance for research chemical agents. In general, larger quantities and greater concentrations of research chemical agents require more stringent safety, security, and accountability controls than smaller quantities of neat research chemical agent and RDTE dilute solutions (para 9-1).
- o Establish a new chapter 11 providing requirements for Recovered Chemical Warfare Material (RCWM) (para 10-1).

- o Established a new Chemical Agent accountability chapter, highlighting newprocedural requirements (para 11-1).
- o New chapter, on termination of surety status, prescribing the proceduresto follow for termination of surety status for an installation (para 12-1).

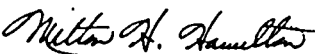
Nuclear and Chemical Weapons and Materiel

Chemical Surety

By Order of the Secretary of the Army:

GORDON R. SULLIVAN
General, United States Army
Chief of Staff

Official:


MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army

History. This publishes a revision. Because the entire text has been revised, no attempt has been made to highlight changes from the earlier regulation.

Summary. This regulation prescribes policies, procedures, and responsibilities for the Army Chemical Surety Program. Along with AR 190-59, it also implements DOD physical security requirements (per DODD 5210.65 and DODD 5210.42) for chemical agent material, weapons (including binary when uploaded with both components) and research, development, test, and evaluation (RDTE) materiel (per DODD 5160.5) as it pertains to surety matters. It also provides controls for the recovery of chemical warfare material discovered during environmental remediation programs or by chance during

other operations. It has been revised to update responsibilities, Chemical Personnel Reliability Program (PRP) procedures, transportation policies, chemical event notification, chemical accident or incident response and assistance (CAIRA) operations, and inspection requirements. It also amplifies safety, security, and PRP requirements pertaining to chemical surety operations, including contractors.

Applicability. This regulation applies to all active U.S. Army commands, agencies, organizations, and contractors that have chemical surety related responsibilities. This regulation also applies to the Army National Guard (ARNG) or the U.S. Army Reserve (USAR). This regulation is not applicable during full mobilization.

Proponent and exception authority. The proponent of this regulation is the Deputy Chief of Staff for Operations and Plans. The Deputy Chief of Staff for Operations and Plans has the authority to approve exceptions to this regulation that are consistent with controlling law and regulation. The Deputy Chief of Staff for Operations and Plans may delegate this authority in writing to a division chief within the proponent agency in the grade of colonel or the civilian equivalent.

Army management control process. This regulation contains internal management

control review checklists for performance requirements specified in the Army Chemical Surety Program.

Supplementation. Supplementation of this regulation and establishment of command and local forms are prohibited without prior approval of HQDA (DAMO-FDB), WASH. D. C. 20310-0430.

Interim changes. Interim changes to this regulation are not official unless they are authenticated by The Administrative Assistant to the Secretary of the Army. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

Suggested Improvements. The proponent of this regulation is the Deputy Chief of Staff for Operations and Plans. Users are invited to send comments and suggested improvements on DA Form 12-9-E (Recommended Changes to Publications and Blank Forms) directly to Headquarters Department of the Army, ATTN: DAMO-FDB, Washington, D.C. 20310-0430.

Distribution. Distribution of this issue has been made per DA Form 12-9-E requirements for 50-series publications. The number of copies distributed to a given subscriber is the number of copies requested in Block 2415 of the subscriber's DA Form 12-9-E. AR 50-6 distribution is B for Active Army; ARNG and USAR.

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RESERVED

Chapter 1 Introduction

1-1. Purpose

a. This regulation prescribes policies, procedures, and responsibilities for the Army Chemical Surety Program.

b. This regulation also—

(1) May be cited by commanders as the authority for requesting resources necessary to implement authorized procedures that will enhance the safety, security or personnel reliability of chemical surety operations.

(2) Does not restrict the authority of a commander to deviate from regulatory policies during an emergency.

1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are explained in the glossary.

1-4. Responsibilities

a. The Deputy Chief of Staff for Operations and Plans (DCSOPS) has overall Army Staff (ARSTAF) responsibility for the Army Chemical Surety Program, including chemical accident or incident response and assistance (CAIRA).

(1) The Director, Force Development (DAMO-FD), as the HQDA focal point for chemical surety and NBC defense matters will—

(a) Establish overall policy for the Army Chemical Surety Program.

(b) Establish Army policy for CAIRA and implement the Army/Federal Emergency Management Agency (FEMA) Memorandum of Understanding for the Chemical Stockpile Emergency Preparedness Program (CSEPP).

(c) Function as the ARSTAF focal point for chemical surety matters.

(d) Integrate other ARSTAF program responsibilities into the overall Army Chemical Surety Program.

(e) Resolve reclaims to chemical surety inspections conducted by The Inspector General (TIG).

(2) The Director, Operations, Readiness, and Mobilization (DAMO-OD) will provide the overall policy guidance and establish minimum physical security standards, criteria, and procedures for protecting chemical agent material.

b. The Director, U.S. Army Nuclear and Chemical Agency (USANCA) will—

(1) Provide advice and assistance to the ARSTAF, major Army commands (MACOM) and other Army organizations on chemical surety matters by providing an interface between policy developers and operators.

(2) Conduct surety assistance visits to enhance the effectiveness of the Army chemical surety program.

(3) Provide surety related information through USANCA publication.

(4) Perform other surety related tasks as directed by the DCSOPS.

c. The Deputy Chief of Staff for Personnel (DCSPER) will establish personnel policy (to include alcohol and drug abuse prevention and control) in support of personnel screening associated with the Chemical Personnel Reliability Program. The U.S. Total Army Personnel Command (PERSCOM) will monitor military personnel reassignments and other personnel actions to ensure that requisitions of PRP personnel are filled with qualified personnel.

d. The Assistant Chief of Staff for Installation Management (ACSIM) will provide guidance on the application of environmental policy for storage and destruction of the chemical agent stockpile and recovery operations for recovered chemical warfare material (RCWM).

e. The Director, Army Safety Office, will—

(1) Establish safety policy and standards for the U.S. Army Chemical Surety Program.

(2) Coordinate and approve safety waivers and exemptions to personnel safety policies.

(3) Establish policy for the investigation of chemical events.

(4) Review surveys, inspections, installation plans, and general construction plans for chemical surety facilities and installations.

(5) Review the chemical agent safety programs of MACOMs to ensure adequacy and compliance with HQDA policy.

f. The Deputy Chief of Staff for Logistics (DCSLOG) will—

(1) Establish policy for the logistical support for the Chemical Surety Program.

(2) Develop policy for chemical weapon surveillance and assessment programs.

(3) Develop policy and guidance for transporting chemical agents and related materiel, chemical weapons, and recovered chemical warfare materiel (RCWM).

(4) Develop policy and guidance for Explosive Ordnance Disposal (EOD) support for chemical surety operations.

g. The Inspector General (TIG) will accomplish independent assessments of the Chemical Surety Program through compliance inspections and systemic assessments.

h. The Surgeon General (TSG) will—

(1) Establish medical policy in support of the Army Chemical Surety Program (including CAIRA).

(2) Maintain a postgraduate medical education program for physicians supporting chemical surety facilities and installations.

(3) Designate a medical consultant on chemical surety for HQDA.

i. The Deputy Chief of Staff for Intelligence (DCSINT) will ensure counterintelligence support is afforded to the Army Chemical Surety Program.

j. The Chief of Public Affairs (CPA) will provide public affairs support for the Army Chemical Surety Program.

k. The Judge Advocate General will provide advice on the applicability of laws to chemical surety operations.

l. The Commanding General, Forces Command (FORSCOM) will plan for and provide explosive ordnance disposal (EOD) support and security forces to a chemical accident or incident (CAI) site when requested by the initial response force (IRF) or service response force (SRF) commander.

m. The Commanding General, U.S. Army Medical Command (MEDCOM):

(1) Plan, direct, and supervise clinical, occupational, and environmental health service activities at installations with chemical surety missions through the installation medical authority.

(2) Provide for medical training, as described in chapter 17 of DAPamphlet 50-6, for medical response teams and medical augmentation teams to support CAIRA operations.

(3) Provide trained staff for on-post medical treatment facilities in support of installations and activities with chemical surety missions, including recovered chemical warfare material operations. The level of medical support will be sufficient to provide care for casualties associated with the most probable event (see DA PAM 50-6, chapter 6) and maintain back-up emergency medical support for on-post, contractor-operated medical treatment facilities supporting chemical surety operations.

(4) Upon request, serve as the contracting officer's representative (COR) to review health services provided by medical contractors at chemical agent storage and disposal facilities.

(5) Provide industrial hygiene support for installations and activities with chemical surety missions. Industrial hygiene support will meet the requirements of AR 40-5 and TSG medical policy.

n. The Commanding General, U.S. Army Information Systems Command (USAISC), will support installation chemical surety operations and CAIRA response forces as necessary with information systems support. Pre-planned SRF support will include video teleconferencing and satellite communication packages to be implemented in the event of CAI.

o. The Commanding General, U.S. Army Training and Doctrine Command (TRADOC), will—

(1) Establish a chemical surety program per this regulation.

(2) Establish CAIRA plans for TRADOC installations maintaining custody of chemical agent.

(3) Provide the on-scene coordinator (OSC) and appropriate IRF staff outlined in Chapter 2 of DA Pam 50-6; and response forces for CAIs on TRADOC installations maintaining custody of chemical agent. If an SRF is required, provide the SRF commander and coordinate with AMC for additional SRF staff and technical CAIRA response assets.

p. The Commanding General, U.S. Army Materiel Command (AMC) will—

(1) Establish a chemical surety program per this regulation.

(2) Identify user needs and establish an acquisition program for specialized personal protective clothing and equipment.

(3) Identify, establish, and maintain training programs to support the Army Chemical Surety Program.

(4) Provide technical advice and assistance on chemical agents and support equipment to other commands and agencies.

(5) Provide technical escort service for the transport of chemical agent material and RCWM.

(6) Advise the Commanding General, U.S. Forces Command (FORSCOM), of the status of chemical agent shipments to ensure CAIRA support.

(7) Establish a quality assurance/quality control program for environmental and safety monitoring that includes certification of laboratories, personnel, equipment, and reference standards in support of chemical agent storage, research, development, and acquisition (RDA) operations; and demilitarization operations.

(8) Provide approval, support, and oversight of contractor owned-contractor operated (COCO) facilities used for research chemical agents.

(9) Act as lead command to develop and maintain standard chemical agent safety, surety, and security contract clauses, including laboratory operation technical procedures, for use in DOD RDA contracts and agreements involving research chemical agents at COCO facilities.

(10) Operate a national inventory control point (NICP) for chemical agent material.

(11) Establish, train, and maintain a IRF at AMC installations that store chemical agent material. The IRF will be established as described in chapter 2, DA Pamphlet 50-6.

(12) Establish, train, and maintain a SRF capability for responding to an Army CAI involving an accident at a storage site/demilitarization facility and an accident involving off-site transportation/chemical weapons material recovery operations in CONUS. The SRF will be established as described in chapter 2 of DA Pamphlet 50-6.

(13) Provide IRF and SRF Commander, staff, and appropriate response forces for CAIs at the U.S. Army Medical Research and Development Command (MRDC) on-post facilities maintaining custody of research chemical agents.

(14) Plan, budget, and execute the on post portion of the Chemical Stockpile Emergency Preparedness Program in accordance with program and DA guidance.

(15) Designate approved storage facilities for RCWM discovered within CONUS. Coordinate with state officials as required. HQDA (DAMO-FDB) will, in coordination with the Department of State, designate storage locations for items recovered from OCONUS.

(16) Provide for the design, testing, and operation (design control, technical specifications, plant systemization, prove out, and day-to-day plant operations) of chemical disposal facilities. Coordinate design features requiring changes in storage facilities, munitions handling procedures, or security procedures with storage site commanders.

(17) Establish, in coordination with MEDCOM, a comprehensive occupational health program for each disposal plant separate from MEDCOM installation medical treatment capabilities.

(18) Provide certification and oversight of all non-medical GOCO facilities maintaining custody of chemical agent material.

(19) Coordinate emergency transportation and destruction plans with federal and state regulatory agencies and provide regional and

national agreements for transportation of RCWM classified as hazardous waste.

q. The Commanding General, U.S. Army Medical Research and Development Command (MRDC), will—

(1) Function as a MACOM for the purposes of this regulation.

(2) Establish a chemical surety program per this regulation.

(3) Provide approval, support, and oversight of COCO facilities requiring research chemical agent necessary to accomplish medical RDA efforts.

(4) Assist AMC to develop and provide standard chemical surety, safety, and security contract clauses for use in DOD RDA contracts and agreements involving research chemical agents at COCO facilities.

(5) Provide a trained Medical Chemical Advisory Team (MCAT) for CAIRA operations to an OSC/SRF Commander within 8 hours following a CAI notification.

(6) Coordinate with AMC for IRF and SRF commanders, staff, and appropriate response forces for CAIs at MRDC facilities having custody of research chemical agent.

r. Commanding General, U.S. Army, Pacific (USARPAC) will—

(1) Establish a chemical surety program per this regulation.

(2) Establish, train, and maintain an IRF and SRF capable of responding to an Army CAI in the USARPAC area of responsibility. Coordinate with AMC for additional technical SRF staff or CAIRA response assets as required.

s. Commanders of activities and organizations with assigned missions to maintain custody, handle, or transport chemical agent material will establish command surety programs.

t. Commanders hosting chemical disposal facilities (in the case of Johnston Atoll, Commander, USACAP) will—

(1) Establish a Memorandum of Understanding (MOU) with AMC for each chemical disposal facility that specifies the detailed responsibilities and working relationships between the host command and AMC tenant disposal activities. The MOU should outline, review, and address procedures for each specific function required to exercise command responsibility of the installation.

(2) Ensure emergency response, environmental compliance, medical support, chemical surety, community relations, and other activities necessary for safe efficient destruction of chemical stocks and close out of unitary chemical activities are coordinated with AMC.

(3) Halt any chemical storage or disposal plant operation when unsafe or environmentally unsound operations are observed.

(4) Establish (in coordination with the AMC and MEDCOM) overall medical support for chemical storage and disposal operations. This does not include disposal plant occupational health programs.

u. Commanders responsible for contracts requiring custody of chemical agent material will—

(1) Ensure that DA approved surety clauses are included in each contract requiring the use of chemical agent or RDTE dilute solutions of chemical agent.

(2) Ensure that contracts are modified to reflect updates to this regulation and supporting regulations.

1-5. General

a. This regulation provides policy pertaining to chemical agents.

(1) Categories of chemical agents and a list of chemical compounds considered as chemical agents under provisions of this regulation are at appendix B.

(2) Some subcategories of research chemical agents, such as RDTE dilute solutions, small quantities of neat chemical agents used in RDTE, experimental chemical agents, and RCWM require only limited security and safety measures, depending on the relative dangers involved in their use, storage and transportation. Specific guidance is contained in chapter 3 (Transportation), chapter 9 (Research Chemical Agents) and chapter 10 (Recovered Chemical Warfare Material).

b. Not used.

1-6. Chemical Surety Program Concept

a. The chemical surety program is a system of safety, and security

control measures designed to provide protection to the local population, workers, and the environment by ensuring that chemical agent operations are conducted safely; that chemical agents are secure; and that personnel involved in those operations meet the highest standards of reliability.

b. Surety is a commander's program that is focused on the safe and secure storage and destruction of the chemical agent stockpile and recovered non-stockpile, and the safe research and development of chemical defensive measures. The commander is responsible for integrating the procedures and policies in the areas of safety, security, personnel reliability, environmental compliance, and other supportive functions into an effective management system. The intent of the Army Chemical Surety Program is to provide tools to the commander with which to facilitate safe and secure operations involving chemical agents.

c. Accountability of chemical agent must be maintained throughout its life cycle.

d. Access to chemical agent will be restricted to authorized persons. The number of persons afforded such access will be kept to a minimum and, to maximize safety, the two-person rule will be strictly enforced (see glossary).

e. Chemical surety activities include :

(1) Compliance with mandated and approved safety, operational, and technical procedures as outlined in AR 385-61, The Army Toxic Chemical Agent Safety Program.

(2) Physical security measures to preclude unauthorized access or use of chemical agent material is outlined in AR 190-59, Chemical Agent Security Program.

(3) Procedures to assess the reliability of personnel designated for or assigned to chemical duty positions through the Personnel Reliability Program (chap 2).

(4) Storage, handling, maintenance, transportation, and inventory of chemical agent.

(5) Treatment and disposal of chemical agent material.

(6) Emergency response, including CAIRA and CSEPP.

(7) Assessment of organizations and activities with chemical agent custody, handling, or transport missions.

1-7. Chemical surety boards and officers

a. Commanders of installations, arsenals, depots, and other organizations responsible for chemical surety programs including chemical agent storage, movement, research and development, and demilitarization operations will appoint chemical surety officers and may establish local surety boards to assist them in accomplishing their chemical surety duties. Surety boards may be consolidated at installation level. Commanders should assign duties to surety boards as needed to assist in the administration of the command's chemical surety program.

b. The commander or his designated representative will chair the surety board.

c. An active and dynamic chemical surety board can assist the commander in managing success of a command's chemical surety program. Surety boards may assist the commander by—

(1) Serving as a focal point for surety issues.

(2) Reviewing surety directives of higher headquarters to determine impacts on the organization's surety program.

(3) Developing the command's surety program.

(4) Reviewing and recommending administrative procedures, operational and contingency plans and procedures.

(5) Developing solutions to command surety problems.

(6) Recommending allocation of resources to support surety-related operational and training activities.

(7) Recommending local procedures to implement PRP screening procedures.

(8) Fostering close coordination among all staff sections and activities that participate in the command's chemical surety program.

(9) Reviewing procedures and criteria for submitting waivers (i.e., information, requirements, compensating measures, etc.).

d. Chemical surety board composition will depend on the command's mission and the staff elements and external support agencies that support it.

e. Chemical surety officers—

(1) Selection is based on their technical knowledge of chemical agents, operational experience, and broad practical experience in chemical surety procedures. Surety officers must have direct access to the commander.

(2) Manage day-to-day operations of the command's chemical surety program.

(3) Monitor and evaluate the command's chemical surety program.

(4) Act as the focal point for chemical surety matters.

(5) Provide oversight for the safety, security, CAIRA, accountability, and personnel reliability program to ensure these programs are receiving the necessary emphasis.

1-8. Supplemental guidance

a. This regulation —

(1) May be cited by commanders as the authority for requesting resources necessary to implement authorized procedures that will enhance the safety, security, or personnel reliability of chemical surety operations.

(2) Does not restrict the authority of a commander to deviate from regulatory policies and procedures during an emergency.

b. Requests for exceptions and waivers to the policies contained in this regulation will be forwarded through command channels to HQDA (DAMO-FDB), Washington, DC 20310-0430.

Chapter 2 Personnel Reliability Program

Section I General

2-1. Scope

This chapter establishes the Chemical Personnel Reliability Program (PRP). The PRP is an integral component of the Army Chemical Surety Program designed to ensure the highest possible standards of individual reliability in personnel occupying chemical duty positions. The PRP applies to U.S. citizens who are active duty military personnel, DoD employees, and civilian contractor personnel.

2-2. PRP purpose, management, and support

a. The purpose of the PRP is to ensure that each person who performs duties associated with chemical agents meets the highest possible standards of reliability. Such reliability is accomplished through the initial and continual evaluation of individuals assigned to PRP duties.

b. The management of the PRP is a function of command; however, personnel assigned to PRP duties are obligated to report any behavior or circumstances about themselves or others in the PRP that might reasonably be expected to result in a degradation in job performance or reliability or could otherwise adversely affect safety or security.

c. The PRP supporting agencies and supervisors of individuals performing PRP duties shall assist the reviewing and certifying officials in their initial and continuing evaluation duties by ensuring that all potentially disqualifying information is made available for their consideration.

2-3. PRP elements

The PRP is a DOD program. This program includes —

a. Identifying and designating chemical duty positions.

b. Selecting, screening, and evaluating of candidates on the basis of valid and favorably completed personnel security investigations (PSI); screening of focal personnel records, and medical evaluations.

- c. Conducting personal interviews and briefings by a certified official.
- d. Certifying of PRP suitability by a certifying official.
- e. Assignment to a chemical duty position.
- f. Continuing evaluation by supervisors, fellow workers, certifying officials, and support agency personnel.
- g. Issuing medical restrictions from performance of chemical duties when required.
- h. Disqualifying unreliable personnel temporarily or permanently when warranted.
- i. Terminating PRP status administratively when an individual is no longer assigned to a chemical duty position.

2-4. PRP Policy

a. In order to ensure the protection of the public, workers, and the environment; and safeguard against theft, loss, damage, sabotage, or unauthorized use, only personnel who meet the highest standards of reliability will be granted unescorted access to chemical agents. Only those personnel who have demonstrated the highest degree of individual reliability for allegiance, trustworthiness, conduct, behavior, and responsibility shall be allowed to perform duties requiring or controlling access to chemical agents, and they shall be under continual evaluation for adherence to PRP standards. Individuals who do not meet or maintain program standards will not be selected for or retained in the PRP or assigned duties associated with chemical agents.

b. Except as noted in chapter 8, only military or civilian DOD personnel will be assigned to chemical duty positions.

c. The certifying official is the immediate commander or if civil service, the director or immediate supervisor responsible for the performance of the assigned chemical surety mission—is directly responsible for the proper implementation of the activity's chemical PRP. Certifying official requirements for contractor activities are discussed in chapter 8. The immediate supervisor of the certifying official is responsible for performing the duties of the reviewing official except as specified in subparagraph h below. Support agency personnel responsible for conducting initial screening and continuing evaluation of individuals being considered for or assigned to chemical duty positions must ensure that all potentially disqualifying information is provided either verbally or in writing to the certifying official for consideration. Although the certifying official may request information or advice from any activity capable of providing or interpreting such information, the decision to qualify an individual for, or to disqualify an individual from the PRP is the sole responsibility of the certifying official.

d. No one will be assigned to a chemical duty position until screened and certified by the certifying official as being suitable for the chemical PRP. Prior to the assumption of certifying official duties, each certifying official must be screened and certified into the PRP by the reviewing official.

e. The denial of eligibility or the revocation of certification for assignment to PRP positions is neither a punitive measure nor the basis for disciplinary action. The unsuitability of an individual for assignment to PRP duties does not necessarily reflect unfavorably on the individual's suitability for assignment to other duties.

f. Certifying officials will —

(1) Ensure that personnel being considered for assignment to chemical duty positions receive medical evaluations.

(2) Interview all candidates for assignment to chemical duty positions.

(3) Determine PRP suitability and ensure that individuals are qualified, trained, and proficient prior to being assigned to PRP duty positions.

(4) Conduct continual evaluation of personnel assigned to PRP duty positions (para 2-19).

(5) Promptly remove, or in contracted operations, direct the contractor to remove from chemical duties any individual whose reliability becomes suspect. In such cases, the certifying official will take prompt action to expeditiously resolve the issue and either reinstate or permanently disqualify the individual.

(6) Ensure that all individuals submit tour analysis to screen for illegal drug use prior to PRP certification.

g. Changes in the PRP assignment status of military personnel will be reported per AR 680-29, AR 600-8-104, DA Pam 600-8-23, and AR 600-8-11.

h. A commander or director of an installation or facility with a chemical surety mission may formally delegate authority to perform the duties of the certifying official to subordinate supervisors who can maintain personal contact with individuals assigned to chemical duty positions to allow for continual evaluation. Commanders or directors who delegate this authority become reviewing officials, but remain ultimately responsible for implementation of the chemical PRP. Guidance concerning authority for certifying official requirements in contracted operations is provided in chapter 8.

i. Certifying officials with PRPs consisting of 100 or more chemical duty positions may appoint PRP monitors to assist in administering the day-to-day functions of the PRP. PRP monitors may also be appointed at installation or activity level to administer the consolidated day-to-day functions of multiple certifying officials. PRP monitor duties may include: coordinating and disseminating PRP information to reviewing and certifying officials, unit commanders, other supporting PRP monitors, and supporting staff agencies; indoctrinating and training PRP personnel on program objectives and procedures; maintaining the CDPR; and otherwise assisting the certifying official as needed.

j. Requests for exceptions to policy allowing non-U.S. citizens to gain PRP certification will be considered by HQDA on a case-by-case basis. Such requests will be forwarded with justification through command channels to the Deputy Chief of Staff for Operations and Plans, 400 Army Pentagon, ATTN: DAMO-FDB, Washington D.C. 20310-0400.

k. The supporting Medical Command MEDDAC/MEDCEN Commander (or contracting officer's representative) will designate, in coordination with the installation commander, competent medical authority to serve as medical consultant to evaluate and provide recommendations to the reviewing and certifying officials on individuals' suitability to perform PRP duties. This medical authority will meet the requirements specified in paragraph 2-15.

Section II

Chemical Duty Positions

2-5. Identifying chemical duty positions

a. Certifying officials will identify chemical duty positions required for mission accomplishment.

(1) The determination of chemical duty positions will be based on the actual duties to be performed regardless of formal duty title.

(2) Chemical duty positions will be identified on the activity's chemical duty position roster (CDPR) (see para 2-8).

b. Only certified personnel shall be assigned to designated PRP positions.

c. Chemical duty positions are held by personnel who—

(1) Require unescorted entry into a chemical exclusion area or routine access to chemical agents under the two person rule.

(2) Control entry into limited or exclusion areas and preclude unauthorized access.

(3) Monitor intrusion detection systems (IDS) for limited and exclusion areas. This requirement does not apply to military police personnel monitoring IDS at on post Category III RDTE facilities or to contractor personnel monitoring IDS at off post Category III RDTE facilities.

(4) Are armed and assigned to security posts (both fixed and mobile) at limited and exclusion areas.

(5) Control access to chemical agent during movements.

(6) Are pilots and crew of aircraft transporting chemical agent material.

(7) Are certifying officials. Certifying officials must be either military or DoD civilians. Contractor personnel are prohibited from being designated as certifying officials.

(8) Are IDS maintenance personnel for limited and exclusion

areas. This requirement does not apply to contract personnel at off post Category IIIRDTE facilities.

(9) Are designated as key control officers for limited and exclusion areas and key custodians for two person control system keys.

(10) Are material handling equipment operators and drivers of vehicles involved in the movement of chemical agent.

(11) Are members of the U.S. Army Technical Escort Unit requiring access to chemical agent.

(12) Are installation escorts designated to support chemical weapons agreement inspection and/or monitoring teams requiring access to chemical agent material.

d. Supplemental guidance is as follows:

(1) Unless otherwise required, the position of the reviewing official (the person who certifies the acceptability of the certifying official) need not be identified as a PRP position.

(2) Explosive Ordnance Disposal (EOD) and CA response personnel are not required to be in the chemical PRP. These personnel will be given unescorted access only to the extent necessary to mitigate or eliminate a hazard during an emergency.

2-6. Personnel security investigations and clearance requirements

a. Prerequisites. Personnel assigned or scheduled for assignment to chemical duty positions must have a valid (completed within the past five years) favorably completed National Agency Check (NAC) and/or National Agency Check Plus Written Inquiries (NACI) or higher Personnel Security Investigation (PSI) and possess a security clearance at a level commensurate with the security classification of information required in the position. An Entrance National Agency Check (ENTNAC) completed for first-term enlistment or induction into the Armed Forces satisfies this requirement. Interim certification is authorized for an individual who does not meet the requirement of a current ENTNAC, NAC, and/or NACI, that is, completed within the past 5 years, subject to the following conditions:

(1) The individual's favorable ENTNAC and/or NAC and/or NACI and/or SSBI is more than 5 years old, and no break in active Federal service or employment has exceeded 2 years since the date the investigation was completed. Service as a cadet at any of the four Service academies may be considered "Active service"; however, ROTC enrollment and reservists on active duty for training will not be considered "Active service".

(2) A new NAC and/or NACI must have been requested and all other requirements of the PRP screening process have been completed.

(3) The individual must be identified to supervisory personnel, entry controllers who directly control access to exclusion areas, and others as necessary as having interim certification status. The CDPR, entry authorization lists, and individual access badges must be specifically marked to designate interim certification status.

(4) The individual shall not be paired in a two-person team with another individual also having only interim PRP certification.

(5) Should the NAC and/or the NACI not be completed within 120 days of the date requested, the certifying official shall ascertain from CCF the reason for delay in completion. The certifying official shall then determine whether to continue or withdraw the interim certification.

b. Supplemental guidance.

(1) The investigative requirements in *a* above will have been met when the PSI was completed within 5 years of the date of initial assignment to a PRP position and no break in active Federal service or employment longer than two years occurred between completion of the investigation and initial assignment. In cases where the investigation ended more than 5 years before initial assignment or where a break in active Federal service or employment exceeded 2 years after completion of the investigation, the PSI is invalid and a new investigation is required.

(2) DA Form 873 (Certificate of Clearance and/or Security Determination) issued by the Commander, U.S. Army Central Personnel Security Clearance Facility (CCF) is evidence of a favorable investigation. In the absence of a DA Form 873, the certifying official must

coordinate with the local security manager to determine if the existing PSI is favorable. For civilians who do not possess a security clearance, evidence of a favorable investigation is an overstamped Standard form 86 or Standard form 171.

(3) PRP certified personnel will be subjected to a periodic reinvestigations (PR) commensurate with the level of required security clearance as required by AR 380-67. The assignment status of an individual assigned to a chemical duty position for whom a PR is submitted based on an expiring PSI will change to interim certified effective the date of PSI expiration pending completion of the PR. In addition, a PR or new PSI, as appropriate, will be initiated when the PSI is no longer valid, whenever the individual has been out of the PRP for more than 5 years, when there has been a break in active Federal service or government employment exceeding two years, or whenever significant derogatory or questionable information or allegations have been provided to the certifying official.

(4) Except for contractor personnel as described in chapter 8, mandatory review of the investigative files (dossier) of a PSI by the certifying official is not required for personnel being assigned to chemical duty positions. Certifying officials may request, however, that dossiers be made available for review whenever they believe it necessary (see AR 381-45).

(5) PSIs completed on reservists or ROTC cadets are considered valid for PRP purposes as long as they enter active duty within two years of the PSI completion date. DOD contractor employment with access to classified information or in the PRP under the DOD Industrial Security Program may be considered the same as DoD employment.

2-7. Training requirements

Personnel assigned to perform chemical duties will be trained and qualified through formal instruction and/or supervised on the job training prior to performance of such duties. Individuals that have not completed required training may perform PRP related duties only in the presence of PRP certified and trained individuals. Commanders in chemical duty positions are deemed as meeting training requirements by virtue of position.

2-8. The Chemical duty position roster (CDPR)

a. Each organization or activity assigned a chemical surety mission will establish and maintain a CDPR to identify both the PRP positions established by the certifying official and the individuals certified to fill those positions.

b. The certifying official will provide a copy of the CDPR and any change to the supporting personnel office, medical activity (to include those activities that maintain the records identified in paragraph 2-18 of this regulation) or contract physician, dental facility, alcohol and drug control officer, and security officer.

c. The certifying official or an individual designated to sign for the certifying official will authenticate the CDPR by signing the last page. Individuals who authenticate the CDPR must be assigned to a chemical duty position listed on the CDPR.

d. The CDPR, which may be in any format, will contain the following information:

(1) Unit or organization designation.

(2) Effective date.

(3) Name (last, first, MI).

(4) Social Security Number (SSN).

(5) Chemical duty performed. When an individual is assigned additional chemical duties, separate line entries are not required for each chemical duty performed.

(6) Medical surveillance category (A, B, C, or D when applicable). See DA pam 385-61.

(7) Page number (e.g. Page 4 of 5).

(8) PSI type/date of completion (e.g. NAC/5 Feb 94).

e. Assigning an individual's name to a designated PRP position on the CDPR certifies that the individual is qualified, trained, and proficient in assigned PRP duties. Individuals who are interim certified will be clearly indicated as such on the CDPR (This documents the certifying official's justification of the need for interim certification).

f. Names of personnel medically restricted or temporarily disqualified from performing chemical duties will not be deleted from the CDPR.

g. Each certifying official is required to maintain a CDPR. It is permissible to consolidate the CDPR at the organization or installation level provided that the CDPR information of each subordinate activity is listed separately and authenticated by each subordinate activity's certifying official or designated individual. The designated individual must occupy a chemical duty position on the subordinate activity's section of the CDPR.

Section III

Screening and evaluation procedures

2-9. General

The concept of personnel reliability is a vital element of the Chemical Surety Program. An individual is presumed reliable when there is no evidence of unreliability. In the absence of a test for reliability, the chemical PRP provides a process for initial screening and continuing evaluation of an individual's health, attitude, behavior, and duty performance while assigned to a chemical duty position. An individual's suitability for and retention in the PRP are determined by the certifying official based on the absence of evidence to the contrary.

a. Personnel will be screened and evaluated—

(1) Before being certified and assigned to chemical duty positions.

(2) By the losing organization before departure when orders direct reassignment to a PRP assignment at another organization or installation.

b. DA Form 3180-R will be completed for each individual screened and evaluated for the chemical PRP. The sequence of medical and personnel screening and administrative processing may be adapted to meet the needs of the certifying official or agencies. Facsimile stamps will not be used for signatures required on the DA Form 3180-R. A determination of unsuitability may be made by the certifying official at any time during the screening process. (DA Form 3180-R, which will be locally produced, is located at the back of this regulation.)

c. Certifying officials of organizations receiving medical support from non-Army medical facilities or from U.S. civilian contract physicians will provide a copy of this regulation to the supporting medical facility contract physicians for use in evaluating personnel for the chemical PRP.

d. An individual applying for civilian appointment to a position requiring chemical PRP qualification will be screened and evaluated for the chemical PRP before appointment. The certifying official is responsible for ensuring that individuals applying for positions requiring chemical PRP qualification meet the criteria established in this chapter.

2-10. Previously screened personnel

a. Whenever a PRP certified individual is transferred to another PRP position under a different certifying official, the individual must be interviewed by the gaining certifying official prior to assignment to the new PRP position. A rescreening of medical and personnel records shall be conducted whenever the records are moved to a new organization or location. The rescreening of records shall ensure that the new certifying official has current and complete information about the individual's job performance and reliability before the interview.

b. When an individual's last assignment was to a chemical duty position within the same MACOM, the individual may at the option of the gaining certifying official be assigned to a chemical duty position based upon an interview and the previous screening and evaluation. The DA Form 3180-R from the individual's last assignment will be used. (The next blank line in Part V, DA Form 3180-R, will be completed to indicate that the required interview and briefing was done. If all lines in Part V are filled, the current DA Form 3180-R may be continued by entering the individual's name, grade,

and SSN and completing part V of a new DA Form 3180-R and stapling it to the current form). If this option is selected, the requirements indicated below will be met:

(1) PSI and security clearance (if applicable) will be verified.

(2) The individual will be interviewed and briefed per paragraph 2-16.

(3) Copies of the individual's DA Form 3180-R will be distributed per paragraph 2-16e.

(4) The individual will be trained for the new chemical duty position.

(5) The individual will be added to the CDPR after the demonstration of proficiency in chemical duties being assigned.

c. When an individual's last assignment was to a chemical duty position outside the MACOM or if the individual's last assignment was not to a chemical duty position, a complete rescreening is required.

d. Personnel administratively screened for levy (paragraph 2-12) will be completely rescreened by the gaining certifying official and a new DA Form 3180-R will be executed prior to being assigned to PRP duties.

2-11. Reliability standards

The certifying official will determine the PRP suitability of an individual based on an investigation and evaluation of the individual's personnel security eligibility, physical and mental capability, personnel and medical records, and a personal interview. The certifying official will consider all relevant facts on the individual's current and past duty performance, the recommendations expressed in the PSIs and medical evaluations, and the opinions of other agencies and personnel, as appropriate, to make the final judgment about an individual's reliability when performing PRP duties.

a. *Qualifying factors.* Selection of personnel for the chemical PRP will be based on the following factors:

(1) Physical competence, mental alertness, and technical proficiency or aptitude commensurate with duty requirements.

(2) Dependability in accepting responsibilities, effectively performing assigned duties, and flexibility in adjusting to changes in a working environment.

(3) Good social adjustment, emotional stability, and the ability to exercise sound judgment in meeting adverse or emergency situations.

(4) A positive attitude toward chemical duties and the PRP.

b. *Disqualifying factors.* Any of the following traits, diagnoses, conditions, or conduct will normally (except as noted in b(1)(d), (e), (f) and b(2)(b) and (f) below) be considered disqualifying for the chemical PRP unless overriding evidence of reliable duty performance exists. The list is not all encompassing and contains only examples of disqualifying factors.

(1) *Alcohol Incidents, Dependence, or Abuse.*

(a) Alcohol incidents involving irresponsible use of alcoholic beverage leading to misconduct, unacceptable social behavior, impairment of an individual's performance of duty, adverse health impacts, or financial irresponsibility may be grounds for disqualification action.

(b) Individuals (military or civilian) involved in alcohol incidents shall be either medically restricted or temporarily disqualified from the PRP, as appropriate, and referred for Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) evaluation (see AR 600-85). The ADAPCP evaluation will be completed within four working days from the date of referral. Upon receipt of the ADAPCP evaluation, the certifying official must either initiate permanent disqualification action or restore the individual to assigned PRP duties, as appropriate—

(c) Determination of alcohol dependence or abuse will be made by competent medical authority as identified in paragraph 2-15a(1).

(d) Individuals (military or civilian) diagnosed as alcohol dependent shall be permanently disqualified from the PRP. These individuals may request to be considered for PRP requalification after successfully completing a rehabilitation program prescribed by competent medical authority identified in paragraph 2-15a(1). A PRP qualifications screening, including a complete medical evaluation with

a favorable prognosis by the competent medical authority, will be completed before requesting requalification.

(e) Individuals (military or civilian) diagnosed as alcohol abusers will, as a minimum, be temporarily disqualified from the PRP. These individuals may be reinstated into the PRP after successfully completing a minimum of 90 days of a rehabilitation program prescribed by competent medical authority identified in paragraph 2-15a(1) and receiving a favorable prognosis by competent medical authority.

(f) When contractor employees are not authorized participation in the Army ADAPCP, private accredited alcohol abuse counseling and treatment services provided by the employer may satisfy the above requirements.

(2) Drug abuse.

(a) Drug abuse is the use or possession of controlled substances, illegal drugs, or the non-medical or improper use of other drugs (e.g. prescription, over the counter, etc.) that are packaged with a recommended safe dosage.

(b) It is not the intent of this regulation to automatically render ineligible for the PRP any individual who, before the effective date of this regulation, has disclosed pre-Service drug abuse, or who has not yet been asked to make such disclosure, and is currently certified for PRP duties after having been formally screened in accordance with previous existing policy and guidance. Further certification of such individuals for future PRP status will be according to this regulation, except that previously disclosed and considered drug abuse and pre-Service drug use not required previously to be disclosed, will not be the sole grounds for denial of certification or for mandatory disqualification.

(c) Except for the category of individuals identified in subparagraph 2-11b(2)(b) above or otherwise provided in this regulation, any use, admitted or otherwise discovered, of illicit drugs such as heroin, heroin derivatives, cocaine, "crack," PCP, LSD, "ecstasy," or other "designer" drugs, amphetamines, barbiturates, anabolic steroids, and other narcotic drugs not prescribed by proper medical authorities, will render an individual ineligible for admission to or retention in PRP duties. Such individuals will not be certified into the program and will be permanently disqualified. These actions will be made a matter of permanent record.

(d) Any individual found to have been involved in unauthorized trafficking, cultivation, processing, manufacturing, or sale of any narcotic or dangerous drug such as those mentioned above, or marijuana or cannabis-based products, will be ineligible for PRP duties.

(e) Any individual suspected of using illegal drugs while in the PRP will be either medically restricted or temporarily disqualified as appropriate and referred for an ADAPCP evaluation. The ADAPCP evaluation will be completed within four working days from the date of the referral. Upon receipt of the ADAPCP evaluation, the certifying official will either initiate permanent disqualification action or reinstate into the PRP as appropriate.

(f) Pre-service experimental or infrequent use of cannabis products does not necessarily render an individual ineligible for consideration for or retention in a PRP position. An individual that (having disclosed pre-Service experimentation or infrequent use of marijuana, hashish, or other cannabis-based products) was certified into the PRP may be retained in the program if medical evaluation conducted by competent medical authority establishes no cannabis dependency and there is no additional information that would cause the certifying official to doubt the individual's reliability. It is incumbent on the certifying official to determine the degree to which the pre-Service use affects the reliability of the individual being considered. Individuals determined to be ineligible for retention in the PRP will be permanently disqualified; such action will be made a matter of permanent record.

(g) According to para 10-3, AR 600-85, all military personnel performing PRP duties must undergo urine drug testing a minimum of once per year. DOD civilians working in, or tentatively selected for Testing Designated Positions (TDP), will be required to be tested prior to being certified into the PRP (para R600-85 5-14). After

certification into the PRP, civilians will be tested periodically on a random basis that ensures the deterrent value of the testing. See chapter 8 for drug testing requirements for contractor employees performing PRP duties. Physicians acting as medical review officers for civilian urine drug testing programs will not contact certifying officials with positive urine drug screening results as evidence of potentially disqualifying drug abuse until the employee has been allowed the opportunity to document the use of prescription drugs and discuss the test results with the physician. Upon verifying the positive urine drug test result as evidence of unauthorized use, the physician will notify the certifying official. If the physician determines that the positive urine drug test is the result of authorized use of prescription drugs, however, the certifying official will not be notified. The physician should counsel the individual to promptly report the use of any prescription medication to the certifying official (see AR 600-85).

(3) *Negligence or Delinquency in Performance of Duty.* Because a good indication of reliability is past performance, the certifying official will review the PRP candidate's job or duty history for evidence of desirable traits such as dependability, flexibility, and good judgment. In determining reliability, the certifying official must evaluate all aspects of an individual's actions. For example, clear instances of youthful indiscretion are not necessarily proof of negligence or unreliability.

(4) *Conviction of, or involvement in, a serious incident.* A PRP candidate's background will be reviewed for evidence of conviction by a military or civil court of a serious offense or a pattern of behavior or actions that is reasonably indicative of a contemptuous attitude toward the law or other duly constituted authority. Serious incidents include, but are not limited to: misdemeanor offenses, assault, sexual misconduct, financial irresponsibility, an inordinate number of traffic offenses, sexual harassment, and child or spouse abuse.

(5) *Medical Condition.* Any significant mental or physical medical condition substantiated by competent medical authority or aberrant behavior considered by the certifying official to be prejudicial to reliable performance of PRP duties may be considered as grounds for permanent disqualification from the PRP.

(6) *Serious Progressive Illnesses.* Certifying officials will be notified immediately of any individual being considered for or currently performing in a PRP position who has been diagnosed with a serious progressive illness, to include being diagnosed with Acquired-Immune Deficiency Syndrome (AIDS) or testing positive for the Human Immunodeficiency Virus (HIV). The certifying official will take the necessary actions to ensure that the individual is properly screened both medically and psychologically. However, individuals with AIDS or who are HIV positive will not be treated differently than other individuals with other serious progressive illnesses solely on the basis of being diagnosed with AIDS or testing HIV positive. As with all potentially disqualifying medical conditions, the certifying official must decide each case on the specific medical and other pertinent evaluations of the individual involved. The primary consideration in all determinations must be that of personnel reliability.

(7) *Poor Attitude or Lack of Motivation.* Any display of poor attitude or lack of motivation as evidenced by aberrant attitude, behavior, or mood.

(8) *Inability to wear personal protective equipment (PPE) required by the assigned position.*

c. *Adverse information* The certifying official considers to be potentially disqualifying that is not a matter of official record may be placed in the individual's file provided that AR 600-37 requirements have been satisfied. The certifying official will request that servicing civilian personnel officers (CPO) document any such adverse information on civil service personnel per applicable Federal personnel manuals. The certifying official will ensure that the appropriate adverse information is furnished through the supporting security manager to CCF per AR 380-67.

2-12. Administrative screening

a. Personnel with orders directing reassignment to a chemical

duty position will be screened and evaluated by the losing organization prior to travel. The individual must meet qualifications cited in the assignment instrument issued by PERSCOM. Soldiers determined to be disqualified from either the nuclear or chemical PRP will be immediately processed for deletion per AR 600-8-11.

b. Personnel who act as certifying officials only for the purpose of administrative screening need not be in the chemical PRP.

c. Personnel and health records of individuals found suitable for the chemical PRP will be identified per paragraphs 2-14 and 2-15 and the individual will be placed under continuing evaluation.

d. Individuals pending reassignment that are currently assigned in PRP duty positions will not be administratively terminated.

e. Individuals will not be found unsuitable for the chemical PRP on the basis of an inadequate or outdated PSI. If the PSI is invalid for the chemical PRP (para 2-6), a request for a new PSI will be submitted as part of the screening prior to travel. Travel will not be delayed pending completion of a PSI. However, if the command is aware that the PSI has developed derogatory information potentially reflecting on PRP or security clearance eligibility, travel will be delayed. Travel will only be denied if final PSI results are unfavorable and/or if a clearance, if required, is denied.

f. Individuals having been permanently disqualified in the past from either the chemical or nuclear PRP may be recertified by the individual's current certifying and reviewing officials prior to being screened for assignment to a chemical PRP duty position. Procedures outlined in paragraph 2-25 of this chapter will be followed.

g. Individuals found unsuitable for the PRP will be permanently disqualified (para 2-24).

h. Disqualified personnel will not depart the losing organization until new reassignment instructions are received.

2-13. Initial interview

a. Prior to initiating the screening process, the certifying official (or a designated representative of the certifying official) will interview each chemical PRP candidate. The certifying official will—

(1) Inform the candidate of the provisions of the Privacy Act and provide the candidate with a copy of the Privacy Act statement. If the candidate objects to the required screening, the screening process will be discontinued and the candidate will be permanently disqualified (para 2-24) from the PRP.

(2) Review with the candidate the concept of the PRP and the reliability standards, both qualifying and disqualifying (para 2-11), for assignment to or retention in a PRP chemical duty position. The certifying official will ensure that the candidate understands the traits and conduct normally considered disqualifying. The certifying official will m dash;

(a) Determine whether the candidate has ever used illicit drugs or has been involved in unauthorized trafficking, cultivation, processing, manufacturing, or sale of any narcotic or dangerous drugs or cannabis products.

(b) Determine whether any of the other traits or conduct normally considered disqualifying exist.

(c) Explain that personnel assigned to chemical duty positions must be able to wear protective clothing and equipment. If there is any doubt, the matter will be resolved at this point.

(d) Explain the importance of chemical PRP assignments and the responsibilities involved in associated chemical duties.

(e) Explain the continuing evaluation aspects of the chemical PRP including each individual's responsibility to actively participate in this evaluation and that personnel found suitable for PRP duties remain under continual evaluation until either permanently disqualified or administratively terminated.

(f) Complete Part I of, DA Form 3180-R.

b. Should the certifying official determine that the candidate is unsuitable for the chemical PRP, the certifying official will terminate the chemical PRP screening process and follow procedures for permanent disqualification (para 2-24). For civil service applicants who are not current Federal employees, the certifying official will return the interview referral slip to the placement specialist.

c. Should the certifying official determine that the candidate is acceptable for further screening, the screening process will be completed per local procedures.

2-14. Personnel records screening

Because of the time required to obtain PSI results, it is usually better to begin with personnel records screening. The supporting personnel officer or a designated representative will screen the Military Personnel Records Jacket (MPRJ), or the civil service employee's Official Personnel Folder (OPF) and complete the appropriate portion of Part II, DA Form 3180-R. The screening official will—

a. Coordinate with the security manager to determine whether the PSI is valid for chemical PRP purposes (para 2-6). Verify that the individual has not had a break in active duty military service or DOD employment of more than two years since the PSI was completed. If the PSI is not valid, a request for a new PSI must be submitted per AR 380-67 as part of the screening process.

b. Determine the individual's citizenship. If not a U.S. citizen, advise the certifying official that the individual is ineligible for PRP duties. U.S. nationals are considered to be U.S. citizens for PRP purposes. As appropriate, initiate a request for deletion from permanent change of station assignment.

c. Determine if information (see para 2-11) that may preclude assignment to a PRP chemical duty position is contained in the individual's records. When potentially disqualifying information is identified, it will be placed in a sealed envelope marked "EXCLUSIVE FOR" and provided to the certifying official per local procedures.

d. Process the DA Form 3180-R per local procedures.

2-15. Medical evaluation

a. The certifying official will ensure that all PRP candidates are medically evaluated as part of the screening process. As a minimum, the evaluation will include a thorough review of the individual's medical history and health records by the medical personnel identified in para 2-15a(1). Dental records need not be evaluated as part of the initial screening process. Medical evaluation shall be based on assigned medical surveillance category and potential for exposure. (See DA Pam 40-8 and DA Pam 40-173). Urinalysis screening and evaluation will be conducted per AR 600-85 as part of initial and continuing evaluation.

(1) A U.S. Army medical officer (physician or PA), a U.S. civilian physician or physician assistant under DOD contract or employed by the U.S. Government, or other qualified nonphysician medical personnel (officer or enlisted) specifically designated to perform this function by the supporting U.S. military medical treatment facility commander may personally evaluate the individual. If available medical records are inadequate, a medical examination will be conducted to determine medical qualification under PRP standards. Following evaluation, however, only the physician or physician assistant may complete Part III of DA Form 3180-R.

(2) If designated non-physician medical personnel in 2-15a(1) above identify potentially disqualifying information, the case will be referred to an Army or civilian physician or physician assistant for further evaluation.

(3) The physician or physician assistant will annotate the SF 600 with a statement indicating that the individual has been screened under the reliability standards of AR 50-6, and that potentially disqualifying information has/has not been identified and been forwarded to the certifying official. The nature of any potentially disqualifying information disclosed to the certifying official will be annotated. The medical record entry will be followed by the name, grade, and signature of the official conducting the screening and the date of the screening.

b. The physician or physician assistant will advise the certifying official of any condition that may reflect on an individual's suitability for assignment to a PRP duty position. The physician or physician assistant will also provide a recommendation to the certifying official as to whether the identified potentially disqualifying information will preclude the individual from safely and reliably

performing assigned chemical PRP duties. The physician or physician assistant will also identify any limitations in duties or reasonable accommodations that might allow the individual to safely and reliably perform such duties (See Americans With Disabilities Act, 42 USC 12101–12111, and implementing regulations at 29 CFR Part 1630). When potentially disqualifying information is identified, it will be placed in a sealed envelope, marked “EXCLUSIVE FOR” and provided to the certifying official per local procedures. The certifying official will be advised immediately of any prescribed medication or treatment that may detract from the ability of an individual to perform assigned PRP duties.

(1) Certifying officials and reviewing officials are authorized to review health records of either personnel being screened for PRP certification or those currently in the chemical PRP to make determinations required by this chapter. This review will normally be done with the assistance of a physician, PA, or nonphysician medical personnel who can advise on health record data that might otherwise be misinterpreted. Due to the sensitive and confidential nature of health records, authority for review extends only to certifying officials and reviewing officials. This authority may not be delegated to contractor employees assisting the certifying official without the written consent of the employee.

(a) This authority also pertains to ADAPCP information and is authorized under para 1–16c of AR 600–85, except in cases of civilian PRP personnel. In these cases, ADAPCP counselors are prohibited by 42 USC 290dd–2 from disclosing any related information to the certifying official without the patient’s written consent. In addition, 5 U.S.C. 7904 prohibits certifying officials from requiring civilian employees to sign consent forms to release ADAPCP information as a condition of employment. Certifying officials must rely on the continuing evaluation aspects of the PRP in such circumstances to detect drug or alcohol problems.

(b) Certifying and reviewing officials may not release or discuss the content of health records except as provided in the preceding paragraph or as otherwise permitted by the Privacy Act of 1974. Questions should be referred to the servicing legal office.

(2) Not used.

c. Upon completion of medical screening, the DA Form 3180–R will be processed per local procedures.

d. Certifying and reviewing official access to contractor PRP personnel health records must be incorporated as part of contract provisions as a prerequisite for employee PRP eligibility (see chap 8).

2–16. Certifying official’s evaluation and briefing.

After personnel record screening and medical evaluation are complete, the certifying official will review the DA Form 3180–R and any potentially disqualifying information provided to ensure that the required PSI has been completed or initiated and to determine PRP suitability.

a. For individuals found suitable for the chemical PRP, the certifying official will complete Part IV, DA Form 3180–R.

(1) If the individual is being assigned to a chemical PRP duty position in the certifying official’s organization, the individual will be briefed as indicated in paragraph 2–16c.

(2) If the individual is scheduled for a chemical duty assignment at another organization, the certifying official will brief the individual on the provisions of the PRP and its importance.

b. For individuals determined to be unsuitable for PRP assignment, the certifying official will terminate the chemical PRP screening process, complete Part IV of DA Form 3180–R, and follow procedures for permanent disqualification (para 2–24).

c. The certifying official’s briefing will cover the following:

(1) That the individual has been found suitable for the chemical PRP.

(2) The duties and responsibilities of the individual’s PRP duty position.

(3) Any hazards associated with the individual’s assigned PRP duties.

(4) The two person rule, to include restrictions placed on interim-certified personnel.

(5) The current threat and physical security procedures used to counter this threat.

(6) Each person’s obligations under the continuing evaluation aspects of the chemical PRP. The individual will be instructed to observe and report directly to the certifying official any factor, behavior, or condition (to include use of prescribed medication) that may adversely affect either the individual’s duty performance or that of fellow workers. The individual will also be advised to report any medication prescribed by or medical treatment received from non-DoD medical personnel or when medication or treatment is received from a medical treatment or dental facility that does not provide primary medical and dental care to the organization.

d. At the close of the briefing, the individual and the certifying official will complete Part V, DA Form 3180–R. The individual’s signature indicates that a briefing on the standards and objectives of the chemical PRP was received and understood.

e. The DA Form 3180–R will be distributed as follows:

(1) The original will be sent to the custodian of the individual’s MPRJ or OPF. (Only the current DA Form 3180–R, to include any continuation, will be retained.)

(2) One copy will be sent to the supporting medical activity.

(3) One copy will be sent to the supporting dental activity.

2–17. Identification of personnel records

Upon receipt of the signed DA Form 3180–R showing an individual is suitable for the chemical PRP and is to be placed under continuing evaluation (Part IV and V, DA Form 3180–R completed), the personnel officer will affix DA Label 164 (Nuclear/Chemical Personnel Record Label) to the MPRJ or OPF. The DA Form 3180–R will then be filed in the permanent section of the MPRJ or in the semipermanent section of the OPF.

2–18. Identification of health records

Upon receipt of a DA Form 3180–R showing an individual is suitable for the chemical PRP and is to be placed under continuing evaluation (Parts IV and V, DA Form 3180–R completed), the individual’s health and dental records will be identified per AR 40–66. If the individual’s records are maintained in an Army medical or dental treatment facility, DA Form 4515 (Personnel Reliability Program Record Identifier) will be inserted in the folder. When records are maintained in another Service’s medical treatment facility, the host Service’s comparable form(s) may be used to identify Army PRP records. The following types of records will also be identified when maintained apart from the individual’s health records:

a. Inpatient (clinical) treatment records.

b. Outpatient treatment records.

c. Dental records.

d. Clinical psychology individual case files.

e. Social work individual case files.

f. Alcohol and drug abuse rehabilitation files.

2–19. Continuing evaluation

a. The continuing evaluation of personnel (including persons assigned to chemical duty positions and persons being trained/reassigned for PRP duties within other organizations) is a key component of the chemical PRP and is critical to its effectiveness. Personnel assigned to chemical duty positions; fellow workers and supervisors; and those who support the chemical PRP, particularly medical and dental personnel and personnel who maintain personnel records, must immediately report directly to the certifying official any changes in attitude, behavior, or medical conditions that may affect an individual’s reliability. This includes prompt notification of any prescribed medication, medical condition, or short-term stress that may impair an individual’s duty performance. Oral or telephonic notification by medical or dental personnel will be confirmed in writing per local procedures.

b. To ensure that continuing evaluation is effective, certifying officials will establish and maintain close working relationships with

supporting activities to ensure that they are fully aware of their PRP-related responsibilities and that required support is provided.

2-20. Medical restriction

When performance of PRP duties may be temporarily impaired by the use of prescribed medication, temporary medical condition, or short term stress, the certifying official will (after consultation with prescribed medical authority or contract physician, when appropriate) restrict the individual from performing those affected PRP duties for up to 30 days. If the condition persists longer than 30 days, the certifying official may review and extend the restriction at 30 day intervals. Medical restriction will be used only when the problem is medical in nature, expected to be of short duration, or while conducting an investigation or medical evaluation to determine if a situation or incident could have an adverse effect on an individual's suitability and the individual's reliability is not suspect. Medical restriction requires that the certifying official temporarily remove the individual from affected PRP duties, notify the individual and immediate supervisor in writing of the nature and circumstances of restriction, and resolve the issue promptly. When the temporary condition or situation is resolved, the certifying official will restore the individual to assigned PRP duties. If the certifying official determines that the condition has become prolonged or permanent, either temporary or permanent disqualification procedures, as appropriate, will be initiated. Examples of when medical restriction is appropriate include:

- a. An individual taking a medically prescribed drug.
- b. Emotional disorientation due to family problems or the death or illness of a relative, family member, or close friend.
- c. A physical injury or other condition (including pregnancy) that temporarily impairs the individual's ability to perform assigned PRP duties. Pregnancies may be extended to include both the full duration of term and postpartum recovery periods.

2-21. Administrative termination of chemical PRP status

- a. Administrative termination—
 - (1) Occurs when an individual transfers from a duty position requiring PRP certification to one not requiring PRP certification.
 - (2) Establishes the date an individual was removed from a PRP duty position for reasons other than permanent disqualification.
 - (3) Eliminates the requirement for continuing evaluation.
- b. Personnel in chemical duty positions will be administratively terminated when—
 - (1) Permanently removed from chemical PRP duties within their organization.
 - (2) Reassignment instructions do not indicate the individual is projected for assignment to a chemical duty position in the gaining organization.
- c. The certifying official will notify supporting medical and dental facilities and the personnel officer in writing that the individual is no longer assigned to the chemical PRP and that continuing evaluation is terminated.
- d. The following actions will be taken:
 - (1) The personnel officer will complete Part VII, DA Form 3180-R. Retain the original DA Form 3180-R in the MPRJ or OPF. DA Label 164 will be removed from the MPRJ or OPF.
 - (2) DA Form 4515 will be removed from the medical records. The copy of DA Form 3180-R will be destroyed.
 - (3) When a soldier is administratively terminated, a SIDPERS PRPA transaction will be submitted per AR 680-29.

Section IV Disqualification and requalification

2-22. General

Any individual that fails to meet the personnel reliability standard specified in this chapter will not be assigned to, or retained in PRP duty positions. A certification of PRP suitability will be revoked immediately and the individual will be disqualified from the PRP on either a certifying official's suspicion or determination that

an individual no longer meets the personnel reliability standards in this chapter.

a. The type of disqualification (temporary or permanent) will depend on the circumstances, character, and transitory or continuing nature of the cause of the unsuitability.

b. Disqualification will be based on evidence such as official records, medical evaluations, or competent witnesses. If a person is to be permanently disqualified for mental reasons, a psychiatric medical evaluation must be conducted. When making a reliability determination, the issue is not an individual's guilt or innocence of some particular offense; rather, assignment to or retention in a chemical PRP duty position. It is not necessary for an investigation to be completed, for disciplinary action (either civil or military) to have been taken, or for other personnel actions to be completed before the certifying official decides whether an individual is to be disqualified from or retained in the PRP. Determination of an individual's reliability rests with the certifying official.

c. Disqualification from the chemical PRP is not an adverse personnel action or an adverse reflection upon the individual. However, the reason for disqualification may be adverse and warrant action under the Uniform Code of Military Justice (UCMJ) or civil law or require other personnel actions (e.g., separation, suspension or revocation of access to classified information, or reassignment). If PRP certification is a condition of employment/service, the individual is permanently disqualified from the PRP and other positions for which the individual is qualified are not available, separation from employment/service may be appropriate.

2-23. Temporary disqualification

Whenever the basis for medical restriction from assigned PRP duties becomes prolonged or permanent or when the certifying official determines that an individual's reliability is suspect, the individual will be temporarily disqualified from the PRP. Temporary disqualification action will be taken when the certifying official has information that could be expected to affect an individual's job performance or reliability and medical restriction, in the opinion of the certifying official, is not appropriate. Individuals being temporarily disqualified will be notified in writing within 15 working days by the certifying official indicating the reasons for temporary disqualification, unless returned earlier to PRP duties.

a. The certifying official will immediately remove the individual from assigned PRP duties, restrict access, and advise the individual of the reason for temporary disqualification. The individual's name will not, however, be removed from the CDPR and the individual will remain under continuing evaluation. The custodian of the MPRJ or OPF will be notified and will enter (pencil entry) the effective date of temporary disqualification in Part VI, DA Form 3180-R.

b. The certifying official will promptly investigate all circumstances. During suspected alcohol or drug abuse, the investigation will include a medical evaluation by the competent medical authority. The certifying official will promptly obtain information required to determine whether to reinstate or permanently disqualify the individual. If reinstated, the certifying official will inform the individual and the custodian of the MPRJ or OPF. (The pencil entry in Part VI, DA Form 3180-R will be erased upon notification.)

c. Temporarily disqualified military personnel will not be permanently reassigned or separated until either reinstated or permanently disqualified, unless temporary disqualification is the result of a medical condition. In those cases, the individual will be administratively terminated prior to separation or reassignment.

d. Temporary disqualification will not normally exceed 180 days; however, the certifying official may extend the period of temporary disqualification in 30 day increments up to 270 days, if appropriate, when there is not sufficient information to either remove the temporary disqualification and return the individual to PRP duties or to permanently disqualify the member. Extensions must be documented.

2-24. Permanent disqualification

When the certifying official determines that an individual does not meet the reliability standards of this chapter, the individual will be

immediately removed from chemical duties and permanently disqualified from the PRP. The certifying official will advise the individual in writing within 15 work days of the determination, to include the reasons for the initiation of permanent disqualification procedures and the requirement for review by the reviewing official. This written notification will cite specific circumstances that support the certifying official's decision to disqualify. Except for a physical or mental condition documented in the individual's health record, statements such as "Alcohol abuse," "Drug abuse," "Contemptuous attitude," or "Court-martial conviction" are inadequate by themselves.

a. The notification letter will—

(1) Provide the rationale for disqualification in sufficient detail so that, if required, a future reviewing official will have adequate information to act upon a request for requalification. (Part VIII, DA Form 3180-R, will be similarly detailed.)

(2) Advise the individual that the disqualification action is subject to mandatory review by the reviewing official before any permanent entries are made in the individual's records and that the individual will be advised of the outcome of the review.

(3) Inform the individual that a written explanation or rebuttal may be submitted within 5 work days of receipt of the letter.

(4) Request written acknowledgment of receipt of the letter of notification. If receipt is not acknowledged, the certifying official will attach a statement explaining its absence to the notification letter.

b. Permanent entries concerning the disqualification will not be made on either the DA Form 3180-R or in the individual's records before final action by the reviewing official.

(1) If the reviewing official sustains permanent disqualification of an individual being screened for the chemical PRP, the certifying official will complete Parts IV and VIII, DA Form 3180-R. If the reviewing official sustains disqualification of an individual already in the chemical PRP, the certifying official will complete Part VIII, DA Form 3180-R. In the block titled "Reason for disqualification," the certifying official will check the appropriate block(s) and provide a brief summary of the rationale for permanent disqualification.

(2) When a reviewing official sustains disqualification of military personnel, the certifying official will notify the supporting personnel administration center to submit the appropriate SIDPERS PRPAS transaction per AR 680-29.

c. Within 10 work days of receipt of the reviewing official's review of disqualification, the DA Form 3180-R will be distributed as follows (for contractor personnel see chapter 8):

(1) Original, with copies of the letter of notification, the signed acknowledgment or an explanation for its absence, and a copy of the reviewing official's approval, will be forwarded through the supporting personnel administration center to the permanent section of the Official Military Personnel File (OMPF) or directly to the civilian personnel office (if civil service) for filing in the OPF.

(2) One copy and a copy of the reviewing official's approval will be provided to the custodian of the MPRJ for necessary action and filing.

(3) One copy or other written notification will be provided to the custodian of the individual's health and dental records for necessary action.

d. DA Form 2-1 (Personnel Qualification Record, Part II) of disqualified enlisted personnel will be annotated with the following statement: "Disqualified (date) for assignment to chemical duty positions per AR 50-6" as prescribed in AR 600-8-104.

e. DA Form 4515 and DA Form 3180-R will be removed from the individual's medical records and destroyed. DA Label 164 will be removed from the MPRJ or OPF.

f. If the individual is disqualified for medical reasons, the physician will annotate SF 600 with the following or a similar statement: "Disqualified (date) for assignment to chemical duty positions per AR 50-6" and will annotate the medical reasons for permanent disqualification.

g. Pending review of the action, disqualified personnel will be reassigned or detailed to non-PRP duties.

h. The servicing CPO will provide assistance on placement action for a civilian employee who has been disqualified.

i. When the disqualification is based on credible derogatory information that could affect the individual's security clearance, the supporting security manager will be notified for appropriate action per AR 380-67.

j. Review of permanent disqualification: The reviewing official will review each permanent disqualification action to ensure uniform application of the reliability standards specified by this chapter and effective use of personnel, consistent with the purpose of the PRP. The reviewing official may seek additional information or explanations of extenuating circumstances from the certifying official, competent medical authority, personnel officials, and the individual concerned if needed.

(1) A copy of the letter of notification, the signed acknowledgment or an explanation for its absence, a written explanation or rebuttal submitted by the individual, and any other pertinent information will normally be forwarded to the reviewing official within 10 work days of the disqualification.

(2) The reviewing official will review the case and within 15 work days of receipt of the disqualification documents furnish a written decision to the individual through the certifying official. In the case of a DOD contractor employee, the contractor will be told only that the employee has been permanently disqualified from the PRP and must be reassigned to non-PRP duties in compliance with contractual requirements. If the disqualification is sustained, the certifying official will complete the remaining administrative procedures above. (If the individual has departed the certifying official's organization, the certifying official will forward a reproduced copy of the approval either directly to the individual, or through the individual's new chain of command.)

(3) When disqualification is not sustained by the reviewing official, no entries will be made in the individual's records. The individual's records will continue to show the individual as PRP certified.

2-25. Requalification of disqualified personnel

Individuals permanently disqualified (except those disqualified per paragraph 2-11b(2)(c) or (d), may be requalified upon approval of a request for requalification by the reviewing official (para 2-23) of the organization to which the individual is currently assigned.

a. A request for requalification will be submitted by the individual to his/her immediate commander or if civil service, the immediate supervisor. This request will explain the circumstances leading to the disqualification, the criteria upon which the disqualification was based, and the actions the individual has taken to correct or eliminate the reasons for disqualification. Should the request be disapproved, the commander or supervisor will return it to the individual with the rationale for disapproval. If the commander or supervisor decides to recommend requalification, the individual will be screened and evaluated (completion of Parts I through IV, DA Form 3180-R). If found suitable for the PRP, the commander/supervisor will forward the request for requalification and the DA Form 3180-R to the reviewing official.

b. If the reviewing official denies the requalification, the new DA Form 3180-R will be destroyed and the request for requalification will be returned to the individual. The DA Form 3180-R reflecting permanent disqualification and associated correspondence will be retained in the MPRJ or OPF.

2-26. Action upon requalification

a. Approval of requalification does not require assignment or reassignment to a PRP duty position; however, requalified personnel are eligible for certification into such positions.

b. The DA Form 3180-R and associated correspondence will be removed from the MPRJ or OPF, destroyed, and replaced by the new one. All disqualification documents will be removed from the permanent section of the OMPF. Additionally, DA Form 2-1 for enlisted personnel and SF 600 (if the individual was disqualified for medical reasons) will be annotated with the following statement: "Requalified (date) for assignment to chemical duty position per AR 50-6."

(1) If the individual is to be assigned to a PRP duty position,

the certifying official will complete the procedures outlined in paragraph 2-16.

(2) Individuals not assigned to PRP chemical duty positions will be administratively terminated (para 2-21).

c. The original of the approved request/recommendation for requalification (less the DA Form 3180-R) will be endorsed to the individual. Copies will be forwarded to the custodian of the OMPF or OPF.

d. The previous DA Form 3180-R filed on the OMPF will be transferred to the restricted section of the OMPF when the individual has been requalified in the program. Also, requalifying correspondence will be filed in the restricted portion of the OMPF.

Section V

Annual PRP Status Report (RCS DDPOL(A)1403)

2-27. Information requirements

Each MACOM having personnel in chemical PRP duty positions will prepare an annual PRP Status Report as of 31 December of each year. This report will be sent to Director, USANCA, ATTN: MONA&-OP, 7150 Heller Loop, Suite 101, Springfield, VA 22150-3198, to arrive annually no later than 1 February.

2-28. Preparation guidance.

Reports will contain three separate sections: one for military personnel, one for civil service employees, and one for contractor employees. Each section will be prepared in two parts.

a. Part I.

(1) The number of personnel at each installation actually assigned to chemical PRP duty positions as of 31 December.

(2) The number of personnel at each installation permanently disqualified while assigned to chemical PRP duty positions during the calendar year.

(3) The MACOM totals of PRP personnel assigned as of 31 December and permanent disqualifications during the calendar year.

b. Part II. The installation permanent disqualification totals and MACOM rollup categorized by primary reason for disqualification. The disqualifying factors listed in paragraph 2-11b will be used. For the total disqualified for drug abuse, subtotals by class of drug used (i.e., narcotics, depressants, stimulants, hallucinogens, and cannabis) will be shown. Comments noting trends or other relevant factors may be included to assist future historical analysis. Authority: Internal Security Act of 1950, 10 USC 3012. Principal purpose: To evaluate the qualifications and suitability of an individual for assignment to certain sensitive duties under the chemical personnel reliability program. Routine uses: To control and record steps taken in the screening and evaluation process and the certification or denial/withdrawal of certification of acceptability. Information disclosed during screening of records and files and during interviews with the respondent is weighed and evaluated to determine qualifications and suitability for assignment to a PRP duty position. The individual may be denied certification or later disqualified and administratively relieved of chemical duties, should his or her reliability become suspect. Information may be disclosed to appropriate military authorities should disciplinary or further administrative action be indicated by the circumstances. Disclosure of requested information is voluntary. However, failure to provide all or part of the requested information may result in non selection for duties under the chemical PRP. Figure 2-1. Privacy Act Statement

Chapter 3

Transportation of chemical agent materiel

3-1. General

This chapter establishes policies and procedures for the transportation of chemical agent in all areas within the jurisdiction of the United States. It also furnishes guidance to outside continental

United States (OCONUS) commanders concerning the safe and secure transportation of chemical agent.

3-2. Authority for movement

Under the provisions of 50 USC 1517, movement of chemical agent is authorized for:

a. Necessary transportation associated with the immediate removal and/or disposal of chemical agent in emergency situations, when compliance (50 USC 1511-1521) (e.g. notification, review by Surgeon General) would clearly endanger the health or safety of any person. See also AR 75-15.

b. Shipment of RDTE dilute chemical agent or neat research chemical agent when used to support chemical defensive, demilitarization, disposal, surveillance, environmental monitoring, or intelligence programs. By policy, movement of these chemical agents will be kept to the smallest quantities appropriate to support the above missions with the maximum limit of one liter per primary container and a total aggregate total of ten liters per movement.

c. Transportation within the confines of a military installation, as necessary.

3-3. Policies

Local, state, and federal laws, including the provisions of 50 USC 1512 and AR 200-2, must be complied with before transporting chemical agent within the United States. Laws applicable for transportation outside the United States will be determined prior to each movement.

a. Safety procedures for movement within the United States will provide a level of protection equal to or greater than that required by Department of Transportation regulations.

b. Specific authority for the military transport of chemical agent to or from an installation or on public highways must be obtained from HQDA (DALO-TSP) prior to movement, except as noted in paragraph 3-2.

c. Movement routes will be planned to avoid heavily populated areas.

d. Movement of chemical agent will be kept to a minimum consistent with operational requirements.

(1) Unless specified in chapter 9, off-post movements of chemical agents will be accompanied by at least two TEU personnel.

(2) On-post movement of chemical agent within a limited area will be accompanied by two unarmed PRP certified personnel proficient in escort procedures (paragraph 3-9). Escort training is not required when movement is within a building.

(3) On-post movement of chemical agent between limited areas not within the same building will be accompanied by at least two PRP certified personnel proficient in escort procedures (paragraph 3-9). Escort training is not required when movement is within a building. Plans will be developed and will contain provisions for sufficient security forces to ensure protection of the chemical agent while in transit (guidance in AR 190-59 applies).

(4) Movement of chemical agent between storage containers and laboratories within the same building will be accompanied by at least two PRP certified personnel. Personnel need not be armed.

(5) Guidance on transportation of research chemical agent quantities (Category III) is contained at paragraph 9-3, chapter 9.

e. The preferred mode for moving chemical agent is by military aircraft. Other modes of shipment are authorized only when comparable safety, security, and accountability measures can be attained. Safety and security will not be compromised in any way for the sake of economy or ease of operations. For short ground moves, movement by Government or contractor-owned vehicles is preferred.

f. Controls and procedures for the movement of chemical agent will be established and implemented by the commanders concerned. Civilian clothing for military personnel is authorized in the interest of operational security. For off-post movements of chemical agent, movement plans will be developed (except as indicated for emergencies in AR 75-15). As a minimum, movement plans will include provisions for safety, security, and emergency actions. Movement plans must be reviewed and approved by HQDA (DAMO-FDB, DAMO-ODL, DACS-SF, DALO-TSP) prior to execution.

g. In planning for the movement of chemical agent, the following will be considered:

- (1) Known and potential hazards.
- (2) Current intelligence estimates of the general and local threat relating to point of origin, routes, en route stops, and destinations.
- (3) Type and means of shipment.
- (4) Availability of security resources.
- (5) Source and availability of emergency assistance.
- (6) Command, control, and communications.

h. Prior to loading, all vehicles and aircraft will be searched for unauthorized personnel or equipment and inspected for possible sabotage. Entry controls will be established and a roster maintained to ensure that only personnel required for loading or unloading chemical agent, for providing logistical support and security, and for command supervision are allowed within the loading area.

i. During loading/unloading operations and en route halts, a temporary chemical exclusion area will be established around each carrier. Access to chemical agent will be controlled. Personnel accompanying the shipment will be knowledgeable of:

- (1) Access control.
- (2) Safe and adequate procedures for maintaining continued surveillance during en route stops.
- (3) Procedures for obtaining additional security support.
- (4) Procedures for reporting and responding to a CAI.

j. Shipment emergency plans and procedures will be provided in detail to appropriate organizations (paragraph 3-10a). Plans will include communications systems; liaison with law enforcement agencies or host nations if applicable; and actions to be taken in the event of civil disturbance, attempted hijacking, or other emergency. When emergencies occur in areas where military assistance is not available, physical security assistance must be requested from civil law enforcement agencies.

k. Requests for clarification or amendment of civilian or military regulations for transportation will be forwarded through command channels to DCSLOG, 500 Army Pentagon, Attn: DALO-TSP, Washington D.C. 20310-0500.

l. Requests for new or modified DOT exemptions or for waiver of any provisions of civil regulations will be forwarded through command channels to the Commander, Military Traffic Management Command, ATTN: MTOP-OP, 5611 Columbia Pike, Falls Church, VA 22031-5050 (AR 55-355, chap 33).

m. DOT Exemption No. 868 exempts shipments of classified ammunition from inspection by rail or motor carriers before they tender rail cars or vehicles for movement.

n. When a CONUS move is to be made by commercial carrier, the consignor will arrange for the movement as prescribed in AR 55-355. Arrangements will be made to have the carrier's equipment in position in sufficient time to allow for inspection before the material is loaded.

o. Railway cars, highway vehicles, and aircraft carrying chemical agent will be inspected visually upon arrival at the consignee's installation.

(1) If any liquid contamination is found, vehicles will be isolated and appropriate confirmation, decontamination, CAIRA procedures in chapter 4 will be executed.

(2) The inspection of a railway car will include an examination of the outside, to include the top and the underside of the car, for evidence of tampering or contamination. The car door seal numbers will be compared with those seal numbers recorded on the bill of lading or in the escort officer's log.

3-4. Command and control

a. All phases of chemical agent movement outside military boundaries (except for category III) will be planned and supervised by the MACOM concerned and the shipping installation commander. During any movement where the chemical agent (except binary components) is removed from the direct control of the assigned custodian, a technical escort officer (TEO) from USATEU will be assigned in writing to be responsible for the custody, safety, and security during movement. For binary components, a security officer may be placed

in charge of the movement. In such cases, the security officer will be assigned in writing and tasked with fulfilling the duties of a TEO.

b. Prior to a movement, the command immediately responsible for responding to a chemical event involving security of chemical agent material during all phases of the movement will be clearly identified and will acknowledge its responsibility.

c. A communications link with multifrequency capability will be maintained (through a communications control center, if necessary) between the TEO and the designated movement monitor to report the progress of the shipment and to request assistance if required. This will be done on all but fixed wing aircraft movement.

3-5. Information control

a. Information concerning times, movement plans, routes, and destinations will be handled on a strict need-to-know basis and appropriately classified. (See AR 380-86 and other applicable regulations.)

b. Plans and procedures will contain operational security measures for close control of all information on planned and actual off post/installation movements of chemical agent.

3-6. Packaging, labeling, placarding, and documenting procedures

a. Items listed as "forbidden" by DOT will not be shipped unless such shipment is permitted as an exception or by special permit or waiver. Procedures in paragraph 3-3 above will apply.

b. Shipping activities will prepare and distribute the documents prescribed in DOD 4500.32-R (MILSTAMP) and AR 55-355.

c. Chemical ammunition will be listed on the DOT shipping document in accordance with 49 CFR rules. (Note: Use the item UN number to determine the proper shipping name.)

d. Chemical agent material will be shipped and packaged as prescribed in AR 55-355 and TM 38-250.

e. Chemical agent material will not be loaded, transported, packed, or stored with other dangerous material except as permitted in the Loading and Storage Chart of Explosives and Other Dangerous Articles published in TM 38-250.

f. Cargo will be labeled and placarded by the consignor. Railroad cars and highway vehicles operated over public highways will be labeled and placarded as required by AR 55-355.

3-7. Technical escort

a. Technical escort personnel will be knowledgeable of the hazards, safety precautions, and security aspects of the shipments and will have required equipment before starting the mission.

b. Personnel assigned technical escort duty will have security clearances commensurate with the security classification of the chemical agent or shipment they are assigned to accompany and must be PRP certified.

c. The TEO has custody of a shipment from the time it is accepted until custody of the shipment is relinquished to the authorized recipient. The TEO will normally be a commissioned officer; however, a noncommissioned officer or civilian toxic materiel handler may be the TEO when specifically authorized by Commander, Technical Escort Unit. When additional security is provided by a source other than the Technical Escort Unit, these forces will be under the operational control of the TEO. Transfer of custody of chemical agent between TEOs will be coordinated to ensure adequate security. On extended trips with overnight stops, the TEO is authorized to transfer custody of chemical agent to a commander who has a chemical storage area compatible with the chemical agent being escorted.

d. Prior to departure, the TEO will ensure that escort and security personnel are properly equipped. The TEO will also verify that the drivers of load-carrying vehicles are properly qualified. The TEO will ensure a proper line of succession is known in the event he or she becomes incapacitated.

e. The TEO will ensure that all personnel are familiar with the—

(1) Duties and conduct while en route including rules of engagement contained in approved OPLANs.

(2) Actions to be taken in case of civil disturbances, attempted hijackings, or other emergencies such as, accidents, incidents, unusual delays, or emergency disposal).

(3) Hazardous nature of the mission and its importance to national defense.

(4) News releases prescribed in AR 360-5 (chapter 9) and DAPam 50-6 (chapter 7)

(5) Safety and decontamination procedures.

f. When necessary, the TEO may inform carrier personnel and civil officials that the shipment is hazardous military cargo which must be transported expeditiously. When assistance is obtained from a civilian agency, representatives may be informed of the nature of the material. When a U.S. flag vessel is used, the master of the vessel or designated representative will be briefed prior to shipment by a representative of the traffic management area command on the procedures to be followed during emergencies.

g. At destination, the TEO will ensure that the authorized recipient is identified from information provided by the consignor. In cases of doubt, the appropriate MACOM or unified command headquarters will be contacted for further instructions.

3-8. Escort and security personnel and equipment

a. The TEO will be knowledgeable in the use of security equipment and the provisions of this regulation and other directives pertaining to the transportation, safety, and fire fighting procedures for the chemical agent being moved. The TEO is responsible for maintaining security at all times.

b. The TEO will have operational control of all security guards and escort personnel during the movement. The senior member of the guard force will provide advice and assistance to the TEO in all matters involving security.

c. TEO security responsibilities are subject to the following limitations:

(1) The TEO accompanying an air shipment has complete jurisdiction over the cargo, but the TEO has no jurisdiction over the air crew or the operation of the aircraft.

(2) The TEO accompanying a sea shipment has technical responsibility for the safety of any operations involving the shipment. However, since the master of the ship has authority over any operation that is conducted aboard the vessel, any final action must be approved by the master or designated representative.

3-9. Escort training

a. Before being assigned duties involving the movement of chemical agent, personnel will be trained in the procedures and practices necessary for safe and secure movement.

b. Commanders will establish training programs commensurate with the duties individuals are expected to perform. While all personnel are not expected to be fully qualified in each of the areas listed below, sufficient personnel accompanying the movement should be cross-trained to provide critical skill redundancy in tasks specified below:

(1) Safety and health hazards from agents and explosives to include first aid and self/buddy aid procedures.

(2) Recognition of symptoms of chemical agent exposure.

(3) Care and proper use of chemical protective clothing and equipment.

(4) Escort responsibilities including those of custody, accountability, security, and safety.

(5) Communications procedures and reporting requirements.

(6) Loading, packaging, and tie down procedures to include load limitations and high explosive quantity distance requirements.

(7) Carrier maintenance standards, electrical grounding requirements, and maintenance limitations while transporting toxic chemical agent.

(8) Ground handling and support equipment and procedures.

(9) Chemical agent and explosive labeling, placarding requirements, and customs procedures.

(10) Procedures for coping with possible emergencies during movement to include safe parking areas.

(11) Procedures for decontaminating equipment, materials, and personnel.

(12) Access control.

(13) Safe and adequate procedures for maintaining continued surveillance during movement halts or rest pauses.

(14) Procedures for obtaining additional security support.

(15) Procedures for reporting and responding to CAI.

3-10. Reports of shipment (REPSHIP)

a. The consignor will transmit electrically to the consignee an advance report of a shipment 1 week prior to the shipping date and a final report on the day the chemical agent material is shipped. Information addresses are as follow:

(1) HQDA WASHDC//DALO-TSP/DAMO-FDB/DAMO-ODL/SACS-SF//.

(2) DIRUSANCA FT BELVOIR, VA//MONA-OP/MONA-CM//.

(3) CDRAMC ALEX VA//AMCCB//AMCLG-SC//.

(4) CDRFORSCOM FT MCPHERSONGA//FCJ3-OCE/FCJ3-TN//.

(5) CDRTEU APG MD//SCBTE-CO//.

(6) CDRCBDCOM APG MD//AMSCB-CM//.

(7) CDR52ORDGP (EOD) FT GILLEM GA//AFYB//.

(8) Commanders of Explosive Ordnance Disposal Control Teams of origin, destination, and transited geographical areas.

(9) Commander of installations used for refueling stops.

b. The advance report of shipment (REPSHIP) will contain the information indicated in the order below. The final REPSHIP will not duplicate the information in the advance REPSHIP but will contain only information that was not previously available or any information changes. (Refer to AR380-86 for assignment of proper security classification.)

(1) Transportation release number.

(2) Shipping order number.

(3) Name of carrier and exact routing.

(4) Vehicle number (car or tail number).

(5) Bill of lading number.

(6) Requisition number and reference to message authorizing shipment.

(7) Brief description of contents.

(8) Time and date of departure.

(9) Estimated time and date of arrival.

(10) Name, grade, and SSN of the technical escort team members assigned to accompany the shipment.

c. The consignee will transmit electrically to the consignor within 2 workdays, a report of the arrival of a shipment of surety materiel. This report will identify the shipment by reference to the REPSHIP and will state the time, date of arrival, and the physical condition of the cargo. Copies will be furnished to the information addressees in a above. If a shipment has not arrived at its destination within 6 hours of the estimated time of arrival, the consignee will notify the consignor by telephone. The consignor will immediately trace the shipment.

d. Chemical events occurring during shipment will be reported as prescribed in chapter 4. If any shipment is delayed en route for a period of more than six hours, consignee and consignor will be notified by the fastest means available through the Defense Transportation Tracking System (DTTS), using the emergency numbers on the shipping papers or by contacting the shipper service.

3-11. Transportation by aircraft

a. U.S. military-owned and military-operated aircraft, or leased aircraft, will normally be used for the transport of chemical agent. Requests for exceptions to policy to use commercial aircraft must include justification and will be submitted through command channels to HQDA (DALO-TSP), with an information copy to HQDA (DAMO-FDB).

b. Only helicopters or multi-engine fixed wing aircraft will be used for the movement of chemical agent.

c. The U.S. Army Industrial Operations Command (IOC)

Transportation Officer will arrange for Air Mobility Command aircraft. Packaging, handling, clearance and documentation will comply with the provisions of TM38-250.

d. Helicopter flight routes will be selected so that the emergency response team has timely reaction capability throughout the flight route. Flight routes over areas where escort aircraft could not land to assist downed mission aircraft will be avoided.

e. Operational procedures for aircraft involved in the movement of chemical agent will comply with requirements specified in AR 95-27. Operating requirements for instrument and visual flight rules will comply with AR 95-1.

f. Designated mission aircraft will meet serviceability criteria of the pertinent aircraft operational and maintenance manuals. Mission aircraft must have operational navigation equipment required by AR 95-1 for instrument flight rules (IFR) or visual flight rules (VFR) flights, as appropriate. All mission aircraft will be equipped with a radio transmitter and receiver, capable of communicating with air traffic control facilities and mission-related agencies.

g. Safety of flight messages requiring action will be complied with prior to mission execution.

h. Prior to movement, the air commander and aircrew will be briefed by the TEO on the provisions of chapter 4.

i. Standard approved loading and tie down procedures will be used.

j. Aircraft carrying explosives will be loaded, unloaded, and/or parked in designated explosive parking areas. Such areas will be sited as shown in DAPAM 385-64.

k. If there is an accident or incident during handling, loading, or unloading of chemical agent, CAIRA procedures in Chapter 4 will be followed.

l. If there is an emergency during the flight, the procedures of AR 95-27 will be followed.

3-12. Transportation by motor vehicle

a. Two portable fire extinguishers, with minimum UL rating of 3-A:80-B:C, will be available for immediate use during loading and unloading operations. During transport, all load-carrying vehicles will carry at least two class 10-B:C or equivalent rated portable fire extinguishers. One of these extinguishers must be CO₂ or dry chemical filled.

b. If necessary, security force personnel may drive military vehicles accompanying the shipment.

c. Vehicles transporting chemical agent over public highways will be inspected to standards of AR 55-355 by consignors. DD Form 626 (Motor Vehicle Inspection) will be prepared for all vehicles transporting chemical agent. Completed inspection reports will be distributed per AR 55-355. All unsatisfactory conditions must be corrected before the vehicles can be accepted for loading.

d. Preventive maintenance may be performed on loaded vehicles. Minor repairs may also be made provided they are practical and are necessary for safe movement. Maintenance requiring the use of flame or heat producing devices and maintenance involving fuel tank repair are prohibited. Loaded vehicles will not be taken into a garage or repair shop for repair or storage.

e. Vehicles will have brakes set and at least one wheel blocked during all loading, unloading, and tie down operations.

f. Loading and bracing of chemical agent will be performed in accordance with existing AMC 19-38 series drawings for commercial rail, truck, and tactical equipment and applicable Army/Air Force field manuals, technical manuals, and technical orders for airlift.

3-13. Transportation by rail

Less-than-carload shipments of chemical agent are authorized only if exclusive use of the car is specified. Inspecting, loading, bracing, and placarding of railroad cars will be per the DOT representative's guidance during the rail transportation planning and operation phase.

3-14. Transportation by water

Detailed policies and procedures for shipping chemical agent by water are contained in Chapter 3, AR 55-288.

a. Chemical agent will be transported on non-passenger carrying ships (except for guard and technical escorts) equipped with watertight bulkheads.

b. Chemical weapons and bulk chemical agent will be handled and stowed aboard ship as instructed in 49 CFR 176.128, 176.136, 173.51, and 176.83.

c. Ships for which dangerous cargo manifests are required will be inspected for contamination. If necessary, ships will be decontaminated as indicated according to Military Sealift Command (MSC) procedures.

d. Normally, movement will be aboard U.S. naval ships or crafts, or U.S. civil service-manned ships that are properly equipped for the purpose of transporting chemical agent. If urgent operational requirements or emergency evacuation preclude such movement, the unified or specified commander concerned may authorize the use of other U.S. military or U.S. civil service-manned ships to transport chemical agent under U.S. military custody and accountability.

e. For physical security requirements, see AR 190-59.

Chapter 4 Chemical accident or incident response and assistance/event reporting

4-1. Objectives

Chemical accident or incident response and assistance (CAIRA) encompasses those actions taken to save life, preserve health and safety, secure chemical agent, protect property, prevent further damage to and remediate the environment, and help maintain public confidence in the ability of the Army to respond to a military chemical accident or incident (CAI).

4-2. Policy

a. *Emergency response force command and control.*

(1) Initial command and control of the forces and activities at a CAI site rests with the MACOM or Army component of a unified or specified command that:

(a) Commands the facility, site, or installation on which the CAI occurs.

(b) Has custody of the chemical agent materiel at the time of a CAI occurring outside the boundary of a military reservation or facility.

(2) The Service Response Force (SRF) commander will be a General Officer recommended by the MACOM and appointed by HQDA, DCSOPS.

(3) The Initial Response Force (IRF) commander, or SRF commander when deployed, serves as the Department of the Army and Federal On Scene Coordinator (OSC) at the CAI site and coordinates and supervises Federal response to include all resources from agencies outside as well as inside DoD. Specific duties of the IRF and SRF commanders and OSC functions are contained in DA Pamphlet 50-6, chapters 2 and 3.

b. *CAI prevention and CAIRA planning.* All practicable measures will be taken to prevent a CAI. If there is a CAI, every effort will be made to control and reduce any hazardous effects. CAIRA plans will be maintained to provide and maintain an up-to-date, coordinated, and timely response for CAIRA operations. These emergency response plans, including contingency operations for off-post/installation response, will be coordinated with appropriate state and local government authorities and Federal Regional Response Team. Coordination entails written and signed agreements when non-DOD agencies are involved and Memoranda of Understanding when DOD organizations are included in the plans. Exercises to assess the effectiveness of these plans will be scheduled and conducted. The eight CONUS chemical surety installations affected by Chemical Stockpile Emergency Preparedness Program (CSEPP) activities will actively

support and participate in CSEPP, as prescribed in DA approved CSEPP documents.

c. Chemical events occurring during transport of chemical agent material outside the boundary of a chemical surety installation requiring CAIRA operations.

(1) The escort officer, a representative of the MACOM that has custody of and responsibility for transporting the chemical agent material, will be responsible for all actions at the scene of a military CAI (when occurring outside the boundaries of a military installation) until relieved by the commander of the nearest Army installation or by the designated DA OSC.

(2) Chemical agent material involved in a CAI. Chemical agent material will be escorted per AR 75-15 (chap 2), AR 190-59, and chapter 3 of this regulation by Technical Escort Unit (TEU) personnel, or MACOM EOD if TEU is not readily available. Prior DA approval, according to 50 USC 1512 and 1517, is not required for these emergency moves. Commander, AMC will determine acceptable storage site(s) for the relocation of the chemical agent involved in the CAI. Contact Commander, U.S. Army Materiel Command, ATTN:AMCCB, Alexandria, VA 22333-0001.

d. Mission and functions of the IRF and SRF. IRFs and SRFs will be organized and trained to execute a CAIRA mission and perform the CAIRA functions described below. Procedures to accomplish a CAIRA mission are contained in DA Pamphlet 50-6, CAIRA Operations.

(1) The missions of the IRF and SRF are to—

(a) Prepare for deployment to the CAI site.

(b) Execute emergency operations upon determining that a CAI has occurred.

(c) Initiate activities to restore, as feasible, conditions at the CAI site when the emergency is stabilized.

(d) Facilitate the deployment to and withdrawal from the CAI site of military and civilian emergency response elements.

(e) Coordinate and direct the Federal response to the CAI in accordance with the Federal Response Plan/National Contingency Plan. Activities will be in cooperation with state and local authorities, other Federal agencies, and other recognized private emergency response organizations.

(f) Implement the plans and procedures of DA Pamphlet 50-6 and the CSEPP Planning Guidance.

(g) Provide protection to the public, the environment and the emergency workers while conducting CAIRA operations.

(2) The IRF and SRF will be organized to perform the following functions:

(a) Command and control.

(b) Communications.

(c) Hazard assessment.

(d) Alert and notification.

(e) Protective actions.

(f) Fire fighting and rescue.

(g) Clinical, occupational, and environmental health operations.

(h) Agent and munitions operations.

(i) Safety.

(j) Security.

(k) Public affairs.

(l) Restoration.

(m) Administration.

(n) Logistics.

(o) Legal.

(p) Chaplain.

(q) Training and education.

(3) CAIRA operations will comply with Federal and State environmental laws and regulations consistent with the State of the emergency and the safety of the operations.

(4) The on scene coordinator (OSC) will notify and advise other Federal agencies (e.g., FEMA for emergency response and disaster declarations, Department of Health and Human Services (HHS) for public and worker health and safety issues, Department of the Interior (DOI) for affected endangered species and natural resource trustees for potentially affected resources) throughout the CAI.

e. Phases within CAIRA operations. There are three phases within CAIRA operations.

(1) *Readiness phase.* This phase is a continuous phase that takes place until a CAI occurs. Emergency response forces prepare and coordinate appropriate response plans, establish organizations to execute plans, maintain equipment, exercise response plans and procedures and educate the public to the potential threat and emergency response procedures. This phase includes the planning actions that implement the planning guidance of the CSEPP.

(2) *Response phase.* This phase is initiated at the onset of a CAI. Emergency response forces take those actions necessary to gain control of the CAI site to include saving lives, preserving health and safety, containing and rendering safe hazardous materials, protecting the environment, securing chemical agent material and government property, and implementing plans/procedures that have been coordinated with the communities involved. This phase is an integrated installation/community/state response as developed by the CSEPP.

(3) *Recovery phase.* The distinction between the response phase and this phase is not as clear as between the readiness and response phases. During the recovery phase, emergency response forces initiate operations to restore conditions at and in the vicinity of the CAI site to a technically feasible and acceptable state when on a Federal installation. The restoration of off-post areas will be negotiated with the State concerned. Restoration operations or remedial actions are the primary activities conducted during this phase.

f. Chemical event emergency notifications system. When a chemical event results in the release of agent (outside of engineering controls designed to contain the release), the preservation of life and public safety is of paramount concern. Immediate action must be taken to notify and protect personnel in the predicted hazard area. Hazard predictions will be made using HQDA approved dispersion models (see DA Pam 385-61). A minimum of three CAI emergency levels will be used to notify external agencies and activities. When appropriate these levels will be included in informal chemical event reports made to HQDA. These levels are—

(1) Limited area emergency. This level will be declared when events are likely to occur or have occurred that involve agent release outside engineering controls or approved chemical storage facilities with the predicted chemical agent no-effects dosage distance not extending beyond the chemical limited area where the chemical event occurred.

(2) Post only emergency. This level will be declared when events are likely to occur or have occurred that involve agent release with the predicted chemical agent no-effects dosage distance extending beyond the chemical limited area, but not extending beyond the post/installation boundary.

(3) Community emergency. This level will be declared when events are likely to occur or have occurred that involve agent release with the predicted chemical agent no-effects dosage distance extending beyond the post/installation boundary.

g. Activities that have the potential for causing public concern. Installations commanders—

(1) Will establish agreements with the local communities and states for the exchange of information about all activities that have the potential for causing public concern. This pertains to activities and operations which do not actually pose chemical agent hazards.

(2) Should incorporate into such agreements the exchange of information about emergency activities off the installation that could affect on-post chemical surety operations. The actual declaration of an emergency in these instances is not necessary but is at the discretion of the installation commander.

h. DA Pamphlet 50-6 contains additional guidance and procedures for CAIRA operations.

4-3. CAIRA responsibilities

a. The DCSOPS will—

(1) Activate the Army Operation Center (AOC) Crisis Action Team (CAT) to provide DA level command and control, information, and support for CAIRA operations, as required.

(2) Provide backup notification to the National Response Center as required by 42 USC 9603.

(3) Formally appoint the SRF commander as the OSC, when deployed.

(4) Receive and analyze chemical event reports.

(5) Establish procedures for coordinating the national level response to CAI, including other federal agencies, such as the Federal Emergency Management Agency.

b. The Commander, AMC, will—

(1) Dispatch the SRF, within 8 hours after receipt of notification of a CAI that requires the SRF, anywhere in CONUS.

(2) Provide TEU services, as required.

(3) Provide standardized CAIRA training for IRF and SRF commanders as well as CAIRA training for other CAI responders.

(4) Provide CAIRA advice and assistance, when requested, to other commands having chemical surety missions.

(5) Plan, budget, and conduct CAIRA readiness exercises as outlined in paragraph 4-7 of this regulation.

(6) When directed, provide resources in support of civil authorities in off installation CAI per AR 500-60

(7) Ensure CAIRA plans and procedures are established for each chemical stockpile disposal facility and coordinated with the host installation commander. These CAIRA plans and procedures will be integrated with the installation response plans and exercised quarterly.

(8) Coordinate with supporting MEDCOM activities to ensure that the medical treatment facilities are equipped, staffed, and resourced to provide care for casualties associated with the most probable event involving chemical stockpile disposal facility operations.

c. The Commander, USARPAC will plan, budget, and conduct CAIRA exercises as outlined in paragraph 5-7.

d. MACOM commanders will establish CAIRA plans for their installations with chemical surety missions, including contractor (GOCO or COCO) facilities. The IRF and SRF, furnished by the MACOM with a chemical surety mission, will be an integral part of MACOM CAIRA plans. These plans will designate OSC/SRF commanders to be appointed by HQDA in the event of CAI.

e. CAI medical support at chemical surety installations will be provided by MEDCOM through the installation medical authority. Medical support includes chemical casualty care, occupational medicine, industrial hygiene services, and environmental health support related to the CAI.

f. Commander, Medical Research and Development Command (MRDC) will ensure CAIRA plans and procedures are established for MRICD and other MRDC facilities having custody of research chemical agent. These CAIRA plans and procedures will be exercised internally on a quarterly basis. A full exercise of the plan may be conducted with the installation IRF and with the SRF as determined in coordination with the host installation commander.

g. Commanders of installations with tenant organizations having chemical surety-related missions or that are designated to provide emergency backup CAIRA, will—

(1) Organize, train, and equip an IRF from installation assets. Emergency response plans will be integrated in order to constitute a unified response to an installation CAI.

(2) Conduct CAIRA exercises quarterly and integrate them into the CSEPP exercise program. Each year at least two exercises will be coordinated with the state and local authorities and other emergency response agencies to exercise and enhance emergency response capabilities. Those exercises, coordinated with state and local authorities, should involve the emergency response agency headquarters and response teams (e.g. activating emergency operations centers (EOC) and emergency medical teams).

(3) Conduct public affairs activities of CAIRA operations per AR 360-5, chapter 10 and described in DA Pam 50-6.

(4) Ensure that legal and claim services are included during CAIRA operations per DA Pam 27-162 and DA Pam 50-6.

h. When directed, commanders will provide an IRF to a CAI occurring outside military installations. The IRF will provide immediate safety, security, rescue, and control at the CAI site to save lives

and reduce exposure to hazards (AR 500-60, para. 2-1f). An IRF will be comprised of available installation assets. Creation of specially trained and/or dedicated organizations is not required. Additional unique resources will be made available from a chemical surety installation. The senior military member or designated civilian official of the IRF will be responsible for all actions at the CAI site until arrival of the SRF commander and staff. A national defense area (NDA) may be established for an off installation CAI to protect classified defense information, or DoD equipment or material. (See also AR 190-13.)

i. EOD personnel responding to a CAI will take action to minimize all hazards, chemical and explosive, to protect the health and safety of any person. An EOD officer will be part of the responding EOD organization. Procedures prescribed in EOD technical publications will be consistent with protection of life and the circumstances of the local situation.

j. If there is a CAI while chemical agent material is under the control of technical escort personnel, the technical escort team will take immediate action. Such actions will protect the health and safety of any person, control any leakage, secure the chemical agent material, repair and package or dispose of the items. The technical escort team will also begin to decontaminate the area. The team leader will notify the nearest Army installation of the magnitude of the CAI and seek assistance, if required. Appropriate notification will be made to the AOC. When the IRF commander arrives, the TEO transitions all actions to the IRF but remains to assist with CAIRA operations until released.

4-4. Chemical event reporting procedures (RCS: CSGPO-453)

a. *Defining chemical event.* The term chemical event encompasses all chemical accidents, incidents and politically/public sensitive occurrences. Specifically, this applies to—

(1) Confirmed releases of agent from munitions. A confirmed chemical agent release from stockpile or non-stockpile chemical weapons is any detection of agent outside the munition body or bulk storage container into the atmosphere outside of a closed containment system that is confirmed by corroborating positive detections. Closed containment systems include filtered bunkers, igloos, or overpack containers which are capable of preventing the escape of chemical agent in concentrations exceeding the Airborne Exposure Limits (AEL) in DA Pam 385-61. Reporting will begin based on the time of release confirmation and must not wait until location and isolation of the leaking munition/container is accomplished.

(2) Discovery of an actual or suspected chemical agent munition or container that may require emergency transportation and/or disposal. Discovery as part of planned real property remediation will not be reported as a chemical event unless emergency transportation or disposal is required, but will be reported in accordance with remediation plans. NOTE: U.S. Army Corps of Engineers is responsible for reporting discovery of chemical munitions and containers on Formerly Used Defense Sites.

(3) Confirmed detection of agent above threshold concentration occurring for any period outside the primary engineering control. This includes agent operations conducted in a closed system (e.g., lab hood or glove box) that is contained in a facility equipped with secondary engineering controls to protect unprotected workers or the ambient environment (e.g., cascade ventilation/air filtration). Threshold concentrations for reporting are contained in DA Pam 385-61.

(4) Actual exposure of personnel to agent above the allowable limits contained in AR 385-61, DA Pam 40-8, and DA Pam 40-173 that is confirmed by clinical evaluation, initial laboratory evaluation or documented by sampling techniques. This includes any case where there is a reasonable belief that an exposure has occurred to any individual above these limits. Special attention needs to be given to workers reporting that they believe that they were exposed to agent or failure of personnel protective equipment.

(5) Any terrorist or criminal act directed toward chemical agent storage, laboratory or demilitarization facility or any deliberate

release of chemical agent. This includes employment of an improvised chemical device intended to disperse chemical agent regardless of whether the device has functioned. Commanders will report terrorist threats and incidents involving chemical agent material per AR 525-13 and this regulation.

(6) Loss of chemical agent (other than deliberate destruction by approved, authorized laboratory and demilitarization processes).

(7) Any malfunction or other significant activity at a chemical-demilitarization plant which could reasonably be expected to cause concern within the local community or the press, or which in the judgement of the facility or installation management or leadership could cause embarrassment to the U.S. Army.

(8) Above categories involving items configured as weapons containing the industrial chemical chlorine, hydrogen and potassium cyanide, carbonyl chloride, cyanogen chloride and chloropicrin. This pertains to items that were designed as a delivery/dispersal system for use in war, irrespective of fusing or explosive configuration.

b. Reporting procedures. Chemical events will be reported directly to HQDA Army Operations Center (AOC). Reporting requirements are as follows:

(1) Installation or site commanders will make immediate direct telephonic notification within 3 hours from the time the chemical event has been confirmed. In the case of chemical agent release, installations are responsible for notifying state and local EOCs and officials who are responsible for affected off post areas, as coordinated and established in local CAIRA plans. The National Response Center will also be notified by the installation commander when the reportable quantity threshold is exceeded. (Note: Nonstockpile items which are found off post will be reported to HQDA by the first DoD official to arrive on scene, for example, EOD or TEU personnel. Chemical agent research and development contractors will report, as specified in their contract, to either the U.S. Army Medical Research Institute of Chemical Defense or U.S. Army Edgewood Research, Development, and Engineering Center, which, in turn, will notify HQDA.). Host installation commanders will report chemical events occurring at tenant chemical demilitarization facilities. At Johnston Atoll, chemical events will be reported through both demilitarization and host installation channels.

(2) Reports will be telephonically made to the Army Operations Center (AOC) and to HQDA (DAMO-FDB).

(3) Chemical events will be reported using the format at Figure 4-1, providing as much information as is available. Report submissions should not be delayed due to lack of information. (Note: This also applies to all non-stockpile items). Supplemental reports will be made only when significant changes occur or new information becomes available. A close-out report must be submitted for each event.

(4) Initial written notification will be provided (by electronic/lytransmitted message) as soon as additional information becomes available, but no later than 24 hours after initial telephonic notification of the chemical event is made. If access to the electronic message system is not available during non-duty hours, the initial written notification may be transmitted by facsimile to the Army Operations Center and HQDA (DAMO-FDB); however, the required message must be forwarded to all addressees the following duty day.

(5) Exercise and test reports will be identified at the beginning and end with the phrase: "THIS IS A TRAINING EXERCISE (EXERCISE NAME)."

c. Classifying chemical event reports. Chemical event reports will be classified per AR 380-86 and dispatched to—

(1) HQDA WASHDC // DAMO - FDB / DAMO-ODO-AOC-DOMS/DALO-SMA-ECD/DACS-SF/DAMO-ODL/SGPS-PSP/SAIG-ID/SAILE-CD/SAPA-PC/SAILE-ESOH/SALL-P//.

(2) CDR CBDCOM APMGD//SFIL-CMZ/SFIL-CMS//.

(3) DIR USANCA/MONA-OP/MONA-CM//.

(4) Other major Army commanders and agencies as appropriate.

d. Notifying emergency management/response officials.

(1) Chemical events meeting the emergency categories outlined

in paragraph 4-2f, beyond the parameters of a Limited Area Emergency, must be reported to the local emergency management/response officials per local agreements.

(2) All releases of agent which occur in outdoor storage yards; or where release exceeds Surgeon General AEL contained in DA PAM 385-61 and which are contained within an approved storage or maintenance facility, laboratory room or demilitarization facility; must be reported as required by local agreements.

e. Notifying public.

(1) All situations meeting chemical event criteria in this chapter will be reported by the installation to the public except for loss of chemical agent and criminal or terrorist acts. In those cases notification will be made in accordance with MACOM chemical agent recovery plans.

(2) The local government officials must be notified prior to release to the public.

(3) At least one hour prior to any press release to the public concerning a chemical event, the local congressional office must be notified. If the attempt to notify the congressional office is unsuccessful, highlight this fact in the chemical event report and make the press release. In cases where health and safety reasons preclude immediate congressional notification, the press release and local congressional notification may occur simultaneously.

(4) The telephonic notification to HQDA should include the anticipated press release time. The written chemical event report will include the essential elements of information released to the public.

(5) For releases of chemical agent that present a hazard to the public or occur outside a military reservation, specific guidelines in AR 360-5, paragraphs 10-4 through 10-6, apply.

(6) For chemical events occurring at tenant organization facilities, the installation will coordinate all media releases with the parent organization public affairs office prior to release.

4-5. Chemical event safety investigation, analysis, and reporting

a. The U.S. Army Safety Center will investigate all Class A and accidents, releases of agent outside boundaries of military reservations, and other accidents in accordance with AR 385-40 (excluding COCO facilities).

b. MACOM commanders will establish procedures to review each chemical event and to initiate safety investigations when warranted in accordance with AR 385-40. The degree and level of the investigation will be determined by the MACOM.

4-6. Collateral accident investigation boards

A commander may direct or request a collateral investigation of an Army chemical event by a board under the provisions of AR 15-6.

4-7. CAIRA exercise program

a. There are four types of CAIRA exercises.

(1) The unit CAIRA exercise is a quarterly training exercise used by the installation commander to ensure that his initial response force is trained and ready. At least two of the four exercises conducted each year will be coordinated with the state and local authorities and other emergency response agencies. Units outside the CSEPP evaluation process will, during one of their required quarterly exercises, involve field play of a major portion of the basic elements of the IRF as defined by DA Pam 50-6.

(2) The MACOM Service Response Force Exercise (SRFX) is a biennial exercise of the Service Response Force (as defined by DA Pam 50-6) conducted under the proponenty of the MACOM Headquarters. The SRFX is a scenario driven, field test of a major portion of the basic elements of the Service Response Force (including the Initial Response Force), simulating the stressful environment of a chemical accident. A formal report of the exercise will be published by the proponent MACOM. An SRFX should be conducted concurrent with a CSEPP Full Scale Exercise at that location when possible. A MACOM SRFX at any one site satisfies the biennial requirement for that period.

(3) The CSEPP Direction and Control Exercise (DCX) is a biennial exercise that takes the place of a functional exercise or Army-

style commandpost exercise in the CSEPP exercise program. A DCX is a scenario-driven exercise in which all command and control elements, communications, and automation links are exercised. Key response decision makers play in this federally evaluated exercise, which may last up to 24 hours. Off post jurisdictions are not required to participate during the DCX, but are encouraged to do so. The Initial Response Force as defined in DA Pam 50-6, however, will demonstrate its capability to operate successfully in the stressful environment of a chemical accident. The IRF will be evaluated as part of the overall DCX evaluation by the CSEPP evaluation team. The evaluation reports will be formatted per CSEPP exercise requirements. Successful execution of a CSEPP DCX fulfills the requirement for a quarterly CAIRA.

(4) The CSEPP Full Scale Exercise (FSX) is the best way to test the entire emergency response effort and evaluate the interaction of all components. The FSX involves mobilization of all emergency service and response agencies and the activation of communications centers and emergency facilities such as EOCs and command posts. It is a biennial exercise and the duration is limited to 48 continuous hours. During the FSX, the IRF as defined in DA Pam 50-6 will

demonstrate its capability to operate successfully in the stressful environment of a chemical accident. The IRF will be evaluated as part of the overall FSX evaluation by the CSEPP evaluation team. The evaluation reports will be formatted per CSEPP exercise requirements. Successful execution of a CSEPP FSX fulfills the requirement for a quarterly CAIRA.

b. If a scheduled CSEPP DCX or FSX is canceled due to off post jurisdictional conflicts, the installation will still conduct a CAIRA exercise with IRF demonstration evaluated by the MACOM within the annual/biennial time window.

c. For the purpose of exercises, the biennial window is 24 months, plus or minus six months.

d. It is permissible for a MACOM to enter into an agreement with another MACOM for the conduct of exercises to satisfy the requirements of this regulation.

e. All CAIRA exercises will be documented by written after action reports.

f. MACOMs and subordinate units will budget as necessary for the conduct of all exercises described above to supplement CSEPP funds.

Table 4-1
CAIRA EXERCISE REQUIREMENTS

TITLE	UNIT CAIRA EXERCISE	MACOM SRFX	CSEPP DCX	CSEPP FSX
AMC Chemical Storage Sites	Quarterly	Biennially (See Note 1)	Biennially	Biennially
Dugway Proving Ground	Quarterly	None	None	None
USARPAC Storage Site and JACADS	Quarterly	Biennially	None	None
Chem Defense Training Facility	Quarterly	None	None	None
Tenant Activity (Demil and other GOCO facilities)	Quarterly (See Note 2)	Biennially (See Notes 1 and 2)	Biennially (See Note 2)	Biennially (See Note 2)
MRICD	Quarterly (See Note 3)	None (See Note 3)	None (See Note 3)	None (See Note 3)
COCO Labs	Quarterly	None	None	None

Notes:

1. Only one site must participate in a SRFX during each biennial period.
2. The facility/site and host installation commander will ensure that each demilitarization facility and the Chemical Agent Munitions Disposal System is integrated into host installation exercise programs.
3. MRICD and the host installation commander will ensure that MRICD is integrated into the host installation exercise program.

Chemical Event Report

(Classify report as per AR 380-86)

Header: "THIS IS A CHEMICAL EVENT REPORT, RCS: CSGPO-453."

Body: 1. Date and time (local) of event/event control number (combination of the acronym of the reporting unit and the fiscal year in which the event occurred and a sequence number assigned locally (e.g., TEAD 92-99). The event control number will be used on all supplemental and final reports. 2. Location. 3. Quantity and type of munition(s) or container(s) and chemical agents involved. 4. Description of what has happened. (Include statement of whether chemical event is a result of non-deliberate or deliberate action. If not applicable, so state.) 5. Emergency notification level (i.e., non-surety emergency, limited area emergency, post only emergency, community emergency. If not applicable, so state.) 6. Description of property damage. 7. Personnel casualties and/or injuries. 8. Whether off post medical services and/or facilities were required. 9. State if SRF commander is required. 10. Assistance required (e.g., augmentation forces of any type, EOD, security forces, equipment, materials). 11. Any other pertinent information (e.g., if news release was issued, safety and security measures taken, amount of agent released). 12. Commander's assessment of the situation. 13. In reporting emergency destruction of hazardous munitions (e.g., suspected chemical munitions or materials), reporting agencies must add the following: a. Type of air samples and test kits used and results obtained. b. Type and amount of explosive used to destroy each munition. 14. Elements of media release (if not yet made, include expected time of release). 15. Notification of senior government officials (state to whom and when notification was made). NOTE: Leaks in stockpile munitions will also be reported through ammunition quality assurance surveillance channels per SB 742-1.

Figure 4-1. Suggested format for the chemical event report

Chapter 5 Occupational Safety and Health Program for Chemical Agents

5-1. General

AR 385-61 and DA Pam 385-61 prescribe DA safety policy, responsibilities, and criteria for all chemical agent operations. AR 385-40 prescribes DA guidance for accident investigations relating to chemical agents. AR 385-64 also contains chemical munition safety guidance. This chapter provides surety perspectives on the chemical agents safety program. This chapter does not apply to EOD operations. See AR 75-15 for EOD guidance.

5-2. Surety emphasis on safety

Commanders will apply the guidance contained in chemical agents safety regulations with an intensity and level of effort that will ensure that operations involving chemical agents will be in compliance with AR 385-61 and DA Pam 385-61. The intended purpose of a lightning protection system is to protect the contents of chemical agent storage structures. See DA Pam 385-64.

5-3. Occupational health

An occupational health program will be established in support of the chemical surety program in accordance with AR 11-34, The Army Respiratory Protection Programs; AR 40-5, Preventive Medicine; DA Pamphlet 40-8, Occupational Health Guidelines for the Evaluation and Control of Occupational Exposure to Nerve Agents GA, GB, GD, and VX; DA Pamphlet 40-173, Occupational Health Guidelines for the Evaluation and Control of Occupational Exposure to Mustard Agents H, HD, and HT; OTSG policy guidance concerning industrial hygiene support for the DA Chemical Agent Occupational Health Program; and 29 CFR 1910.134.

5-4. Leaker isolation

a. When evidence of a leaking chemical munition or container in storage is noted, the source will be located, isolated, and contained as soon as practical consistent with all safety, security, and environmental protection requirements. If the source cannot be located immediately, the structure will be closed initially, then filtered continuously and monitored until the source is isolated or until low level monitoring indicates the source no longer exists.

b. During isolation operations, provisions will be made to increase readiness to implement CAIRA operations. The search will continue as described in paragraph 4-4a.

c. Isolation operations need not extend beyond normal duty hours and should not prevent the accomplishment of unrelated, concurrent operations such as environmental monitoring and safety in storage inspections.

d. During demilitarization operations, leakers will be processed in appropriate levels of personal protective equipment. Operations should not be delayed to isolate low level leakers.

Chapter 6 Counterintelligence and Operations Security

6-1. General

This chapter establishes requirements for:

a. Counterintelligence (CI) support to government chemical storage and RDA installations.

b. The collecting and reporting of information affecting security at chemical surety installations.

c. Operations security for chemical storage installations.

6-2. Counterintelligence support

a. Installation commanders will establish and maintain close coordination with supporting military intelligence (MI) units.

b. Military intelligence units will support chemical installations by providing:

(1) Spot reports of potential or actual incidents that may affect the security of an installation.

(2) Investigation of incidents or suspected security violations as requested by the installations.

c. Installation commanders will also establish and maintain contact with local civil and military police forces. Civil police authorities will be requested to provide timely information that may affect the security of the installation and assist in investigating potential or actual violations of security occurring off the installation (MI units will be informed of all requests for civil police investigative assistance in areas concerning the security of chemical agent material).

6-3. Threat information collection and reporting

a. Routine information on threat groups/forces will be collected by U.S. Army MI units and routed through command channels to the installation.

b. Installation commanders will report all threat information received from local sources to the supporting MI units. Information will be forwarded by using the spot report form as prescribed in AR 381-20.

6-4. Operations security

Commanders with chemical surety missions will ensure that personnel are periodically briefed on the threat to themselves and the security of the installation/organization. Points such as reporting security violations, using the duress code word, and avoiding predictable patterns of behavior will be stressed during these briefings.

6-5. Reporting of significant incidents

Any penetration, attempted penetration, or other unexplained degradation of security will be reported through command channels to HQDA in accordance with AR 190-40, Serious Incident Report.

Chapter 7 Chemical Surety Program Evaluation Requirements

7-1. General

a. This chapter prescribes policies and procedures for the assessment of the chemical surety program. It describes reports for both chemical management evaluations (CME) and chemical surety inspections (CSI) conducted at organizations and activities that have chemical surety program responsibilities.

b. These assessments are conducted to:

(1) Determine the capability of each organization to accomplish its assigned mission in a safe and secure environment.

(2) Determine the adequacy of support and guidance provided to each chemical surety organization.

(3) Determine and pursue systemic issues affecting the commander's capability to perform the mission.

7-2. Responsibilities

a. The DCSOPS will—

(1) Determine CSI standards.

(2) Review CSI and CME reports.

(3) Resolve inspection reclaims forwarded to HQDA.

b. TIG will—

(1) Conduct chemical surety inspections.

(2) Conduct chemical management evaluations or other special evaluations.

c. Designated MACOM commanders will provide—

Oversight and conduct assistance visits/management reviews to determine the adequacy of support and guidance provided to the surety organization.

7-3. Chemical management evaluations

CMEs focus on determining the root causes of systemic problems affecting chemical surety programs. They will normally be conducted

independently as required by the DAIG. CMEs will normally evaluate a functional issue involving multiple levels of command. Follow-up evaluations of CMEs may also be scheduled to ensure that the problems have been resolved and corrective actions taken.

7-4. Chemical surety inspections

a. The DAIG will conduct CSIs of all U.S. Army activities and organizations with chemical surety missions of custody, handling, use, transport, or disposal of chemical agent material.

b. The DAIG will conduct CMEs or Special Inspections (SI) of U.S. Army activities and organizations providing administrative or management oversight of these missions when CSIs identify systemic chemical surety related issues.

c. A CSI will normally be conducted at activities and organizations in para 7-4a above every 18 months, but on request of the inspected unit and concurrence of HQDA (DAMO-FDB) may be extended to up to 24 months.

d. CSIs of organizations having management responsibility for the administration of contracts involving chemical agent material will include assessment of the contract oversight program.

e. Formal CSIs may be conducted at contractor facilities that conduct chemical agent RDTE operations or have custody of chemical agent material.

7-5. Scope of CSI

The scope of a specific CSI is determined by the structure of the organization mission statements or other appropriate mission directives. DAIG will publish annual schedules of CSIs and CMEs in coordination with affected MACOMs. The functional areas to be assessed during a CSI may include, but are not limited to, the following:

- a. Mission operations.
 - (1) Research and development.
 - (2) Test and evaluation.
 - (3) Storage and surveillance.
 - (4) Training.
 - (5) Escort and transportation (on-post and off-post).
 - (6) Special projects.
 - (7) Calibration, maintenance, and readiness.
 - (8) Inspection program.
 - (9) Adequacy of physical facilities.
 - (10) Inventory and accountability.
 - (11) Oversight of disposal programs at installations hosting disposal facilities.
 - (12) Quality assurance programs.
 - (13) Adequacy of resources.
 - (14) Environmental compliance program.
 - (15) Maintenance of NBC defense equipment used in support of chemical surety operations.
- b. Safety.
 - (1) Plans and procedures.
 - (2) Personnel protection and protective equipment.
 - (3) Agent monitoring program.
 - (4) Hazard analysis program.
 - (5) Inspection and compliance monitoring program.
 - (6) Lightning protection.
 - (7) Material handling equipment.
- c. Security.
 - (1) Security planning and procedures.
 - (2) Perimeter security.
 - (3) Storage requirements.
 - (4) Support facilities.
 - (5) Key and lock control.
 - (6) Security forces, including augmentation.
 - (7) Training program.
 - (8) Transportation security.
 - (9) Communications.
 - (10) Waivers and exceptions.
 - (11) Recovery operations.
 - (12) Emergency response capability.

(13) Internal and external inspections.

(14) Access control.

(15) Intrusion detection and assessment.

d. Surety management.

(1) PRP management.

(2) Adequacy of manning.

(3) Oversight Safety, Security, and Surety Management Program

e. Emergency response.

(1) CSEPP.

(2) CAIRA program.

(3) Chemical event reporting.

f. *External support.* Conditions beyond the capability of the inspected organization to avoid, influence, or correct which are the responsibility of the supporting activities.

g. *Disposal facilities (in addition to the above).*

(1) COR oversight program.

(2) Engineering controls including configuration control procedures.

(3) System and process controls.

(4) Calibration program.

7-6. Schedules

a. An annual schedule of CSIs will be published 90 days prior to the beginning of each fiscal year by the DAIG. Copies of this schedule will be provided to affected MACOMs, HQDA (DAMO-FDB/DAMO-ODL, and Director, USANCA (MONA-OP).

b. The DAIG will provide inspector access rosters to inspected organizations at least 30 days prior to scheduled inspections. DAIG access rosters will include security clearances and qualifications of inspectors.

7-7. Ratings

a. Inspected organizations will be given one of the ratings below in each of the functional areas listed in paragraph 7-5. As used in this rating system, the term "deficiency" applies to both deficiencies and factors affecting operations.

(1) NO DEFICIENCIES.

(2) DEFICIENCIES: NONE FAILING.

(3) DEFICIENCIES: FAILING, CORRECTION VERIFIED.

(4) DEFICIENCIES: FAILING, RESOLUTION/REINSPECTION REQUIRED.

b. A rating of NO DEFICIENCIES or DEFICIENCIES: NONE FAILING will be given when an organization demonstrates that it can accomplish critical tasks while providing a safe and secure environment per approved publications and directives.

c. A rating of DEFICIENCIES: FAILING, CORRECTION-VERIFIED may be given when one or more conditions found in paragraph 7-8 existed but were corrected and verified by the inspection team.

d. A rating of DEFICIENCIES: FAILING, RESOLUTION/REINSPECTION REQUIRED may be given when one or more conditions found in paragraph 7-8 existed but were not, or could not, be corrected for verification by the inspection team.

7-8. Rating guidelines

a. A DEFICIENCY FAILING may be given in the appropriate functional area when any of the following conditions exist:

(1) Failure to achieve or maintain assigned mission capability. This may include shortages in personnel, equipment, supplies, or authorized repair parts that prevent accomplishment of the chemical surety mission.

(2) Loss of accountability or custody of chemical agents.

(3) Failure to provide a safe environment for chemical agents.

(4) Failure to provide a secure environment for chemical agents. Examples include, but are not limited to the following:

(a) Allowing unauthorized or unidentified access to chemical agents.

(b) Use of an inadequate or deficient intrusion detection system without sufficient compensatory measures (failure of an individual sensor in a multiple sensor system does not necessarily constitute an unsecure environment).

(c) Failure of security response forces to respond within specified-time limits.

(d) Failure to establish limited/exclusion areas as required.

(e) Failure to post required patrols or sentries.

(f) Failure to lock or control entrances to limited or exclusion areas.

(g) Deficiencies in security facilities which individually or in combination with other security deficiencies could reasonably lead to unauthorized access to chemical agents in the absence of adequate compensatory measures.

(5) Inadequate response to an actual or simulated chemical accident or incident. Included are actions that could permit unnecessary loss of life, personal injury, destruction of property, or compromise of classified materiel or information.

(6) Failure to include essential chemical surety doctrine or technical and operational instructions in the curriculum or training program.

(7) Teaching chemical surety policies, procedures, or operations that are at variance with DOD, DA, or MACOM policy.

(8) A number of deficiencies or manner of performance indicating a lack of competence or a disregard for prescribed procedures.

(9) Failure to establish or maintain an effective program for chemical surety management.

b. External support may be given a DEFICIENCY FAILING when any of the conditions above exist that are beyond the capability of the inspected organization to avoid, influence, or correct and are attributable to the supporting activity.

7-9. CSI reports

a. When an organization receives ratings of NO DEFICIENCIES, DEFICIENCIES: NONE FAILING, or DEFICIENCIES: FAILING, CORRECTION VERIFIED, regardless of the rating given to its external support, the inspected organization will be provided a final CSI report at the exit briefing. Reply by endorsement is not normally required; however, selected factors affecting operations or deficiencies may require reply by endorsement.

b. When the organization receives a rating DEFICIENCIES: FAILING, RESOLUTION/REINSPECTION REQUIRED, regardless of the rating awarded to its external support, a draft report will be provided to the inspected organization at the exit briefing. A final report will be subsequently forwarded by HQDA (SAIG-ID) to the inspected organization. All other organizations or activities required to take corrective actions will be provided appropriate extracts. A written response reporting action taken to rectify the deficiencies noted will be forwarded through command channels to HQDA (SAIG-ID). A reinspection will be conducted within 90 days of the inspection that resulted in the failing deficiencies. Reinspection of external support activities may consist of the review and acceptance of the written response reporting the corrective action taken. The scope of a reinspection will be limited to the specific area, activity, or operation that was the basis for the failing deficiencies. When appropriate, the MACOM will modify or change the mission of the inspected organization pending reinspection and successful demonstration of specified operations.

c. When external support is rated DEFICIENCIES: NONE FAILING; DEFICIENCIES: FAILING, CORRECTION VERIFIED; or DEFICIENCIES: FAILING, RESOLUTION/REINSPECTION REQUIRED, a written reply stating corrective action taken will normally be required. The activity cited for inadequate external support will be provided applicable extracts from the inspected organization's final report. The report of corrective action taken will be forwarded through command channels to HQDA (SAIG-ID).

(1) A copy of the report of corrective action taken by the external support activity providing direct support to the inspected organization will be furnished to the inspected organization to be filed with the inspected organization's report. When an inspected organization is also required to reply by endorsement, that reply will not be delayed pending receipt of the corrective actions taken by the support activity.

(2) Reinspection of the external support activity may consist of

review and acceptance of the written response reporting action taken to correct the deficiency; or the scope of a reinspection may be limited to the specific area, activity, or operation that was the basis for the failing deficiency. When appropriate, the MACOM will modify or change the mission of the support activity pending reinspection.

d. The CSI team will provide the commander of the inspected organization with a final report at the exit briefing. Copies of the inspection report will also be provided to selected commanders or agencies. Also, a final report will be provided to the headquarters of the inspected organization. All other organizations or activities required to take corrective actions will be provided appropriate extracts.

e. A copy of DAIG CSI reports will be provided to the affected MACOM, HQDA (DAMO-FDB, DAMO-ODL, DACS-SF), and DIRECTOR, USANCA (MONA-OP).

f. Reports involving any areas waived or delegated by HQDA will be forwarded to the HQDA staff responsible for the functional area involved.

7-10. Reclamas

a. Reclamas may be submitted by any commander in the chain of command of the inspected organization or external support organization. Reclamas will be sent through the organizational chain of command to Deputy Chief of Staff for Operations & Plans, 400 Army Pentagon, Attn: DAMO-FDB, Wash D.C. 20310-0400 for adjudication. Reclamas must be submitted not later than 60 days after receipt of the final report by the inspected organization.

b. Reclamas must be based on factual data and will include all evidence that supports the reclama.

c. Each commander in the chain of command will review, evaluate, and forward the reclama to the next higher headquarters. Any commander in the organizational chain of command may disapprove a reclama.

e. All reclamas forwarded to HQDA will be adjudicated by DCSOPS (DAMO-FDB).

f. Final decisions on all reclamas will be forwarded to the organization requesting the reclama, HQDA (SAIG-ID), other staff elements as appropriate, and Director, USANCA (MONA-OP).

Chapter 8 Managing Chemical Agent Contracts

8-1. Scope

This chapter provides guidance for managing chemical agent contracts at government owned contractor operated (GOCO) and contractor owned contractor operated (COCO) facilities to include academic institutions and demilitarization facilities. This chapter also provides supplemental guidance to be used in conjunction with Chapter 2 for chemical PRP certification of contract personnel.

8-2. General policy

a. Heads of contracting agencies will ensure that the provisions of this chapter, including certification, support, and oversight of COCO facilities having custody of chemical agent, are implemented by contractually binding agreements.

b. It is Army policy to limit involvement with chemical agents to DoD military and civilian personnel. However, in cases where such limitation is not in the best interest of the Army, MACOM commanders may authorize use of contractors to perform chemical agent related functions. A MACOM may delegate this decision authority no lower than Major Subordinate Command (MSC) level.

c. Army furnished chemical agent may be used to support contract work for other services and DoD agencies. Any use of chemical agent, regardless of how acquired, at Army supported contract facilities for non-DoD work requires approval from HQDA (DAMO-FDB).

d. A contracting officer's representative (COR) will be designated to technically monitor the administration of chemical agent contracts.

e. The total chemical agent quantity maintained at a COCO facility will not exceed the aggregate total of one liter. Requests for exceptions to exceed the one liter limit must include justification and will be forwarded to HQDA (DAMO-FDB), WASH D.C. 20310-0430.

f. Department of the Army will retain ownership of all agent furnished, purchased, or synthesized at government expense.

g. Commander, AMC will ensure that the total quantity of chemical agents synthesized within the command outside the single small scale production facility declared under CWC will not exceed ten kilograms per year.

h. The amount of chemical agent synthesized at a COCO facility will not exceed 100 grams aggregate total per calendar year without the written permission of Commander, AMC. Synthesis of agent must be approved by the COR. Synthesized agent will be accounted for using the same procedures as those required for government furnished agent.

8-3. COCO RDA/Academic Facilities

a. AMC is designated as lead command for the certification, support, and oversight of COCO facilities used for non-medical chemical defense RDA efforts.

b. MRDC is designated as lead agency for certification, support, and oversight of facilities used for medical chemical defense RDA efforts.

c. AMC and MRDC will jointly develop and use standard surety clauses in the areas of personnel reliability, security, safety, and accountability of chemical agents used in RDA involving chemical agent. Standard clauses will share common technical terminology and will include technical procedures as required. AMC is designated as lead command for the development and maintenance of these standard clauses. HQDA (DAMO-FDB) will adjudicate and resolve any disagreements between MACOMs during the development and maintenance of these standard surety clauses.

d. HQDA (DAMO-FDB) will review and approve jointly developed standard surety clauses used in all COCO contracts, supporting bailment agreements, and all changes or modifications of these clauses prior to contract negotiation and award. The lead command will submit these documents for approval to HQDA (DAMO-FDB), WASH D.C. 20310-0430 at least 120 days prior to the desired date of approval.

e. Contracting officers will ensure that Army standard surety clauses and requirements are made contractually binding on all contractors required to possess or use chemical agent at a COCO facility. No chemical agent from any source, to include contractor synthesized agent, may be expended in support of a contract until the contract is made binding. Until a COCO facility is certified and a contract is in force, no chemical agent will be furnished to the facility nor will the facility synthesize or obtain agent elsewhere for use on supported contracts. The Army does not control or oversee contracts performed outside the United States, its possessions, or its territories unless they involve chemical agent provided by the U.S. Army.

f. MACOMs will ensure that contractor facilities are inspected and certified to safely and securely use and store chemical agents prior to transferring chemical agent material into custody of the contractor.

g. The DA Inspector General may conduct chemical surety inspections of contracting agencies and COCO facilities and operations which maintain custody of chemical agent as outlined in Chapter 7 of this regulation.

8-4. GOCO chemical demilitarization facilities

Commander, AMC is designated as the lead command for certification, support, and oversight of GOCO chemical demilitarization facilities. Contract provisions will implement chemical agent safety policy contained in AR 385-61 and AR 385-64; security of chemical agents as prescribed in AR 190-59; and other guidance contained in this regulation.

8-5. Semiannual Reporting of COCO RDA/Academic Facilities

a. Lead commands will provide semiannual reports of all supported organizations (including government, industry, and academic facilities) requiring the use of chemical agent in contractor certified facilities. Reports will include, as a minimum, the following information:

- (1) Name of contractor and contract number.
- (2) Name(s) of principal investigators.
- (3) Types of agents used.
- (4) Average quantities of chemical agent on hand at the end of each month.
- (5) Highest quantity of chemical agent on hand during period.
- (6) Nature of work.
- (7) Duration of contract.
- (8) Date of current contractor certification to use chemical agent and certifying agency.
- (9) Date of most recent survey of the contractor's facility and surveying agency.
- (10) Scope of most recent survey.

b. Semiannual reports will include listings of other service or agency contracts supported with chemical agent. Contract numbers and types of agent involved will be specified.

c. Semiannual reports will include known cases of certification being denied or revoked with names of contractors and reasons for denial or revocation.

d. The reports will have cutoff dates of 1 April and 1 October. Reports should be dispatched to arrive by 1 May and 1 November. Copies will be sent to HQDA (DAMO-FDB), WASH DC 20310-0430, and DIR., USANCA (MONA-OP), 7500 Backlick Road, BLDG. 5073, Springfield, VA 22150-3198.

8-6. Agent Accountability at COCO RDA/Academic Facilities

a. Contractors will be required to keep records accounting for receipt, use, synthesis, transfer, and destruction of all chemical agent as specified by contract. Contracts will include all accountability requirements specified in Chapter 11 of this regulation.

b. Contractors will conduct semiannual physical inventories of all chemical agent. Contracting agency accountable officers will conduct physical inventories of all chemical agent in the custody of contracted organizations as warranted by discrepancies.

c. The amount of chemical agent synthesized by an individual contractor will not exceed one liter per month without the written approval of HQDA (DAMO-FDB). Synthesis of chemical agent must be approved by the contracting officer.

d. The total quantity of chemical agent equivalent on hand (i.e. total of neat chemical agent and the amount of chemical agent contained in dilute solutions) will not exceed one liter aggregate total at any single COCO facility.

8-7. Physical Security

Physical security of chemical agent will conform with policies, requirements, and guidance contained in AR 190-59.

8-8. Chemical agent safety

Chemical agent operations will comply with policies and procedures contained in AR 385-61 and DA Pam 385-61. The COR shall provide the contractor with material safety data sheets for each type of chemical agent in contractor custody.

8-9. Chemical Accident or Incident Response and Assistance (CAIRA)

Contractors will provide CAIRA plans as outlined by Chapter 4 of this regulation and DA Pam 50-6. The contractor will be required to:

- a. Base CAIRA plans on Maximum Credible Event (MCE) scenarios per AR 385-61.
- b. Maintain the necessary equipment and personnel for controlling a chemical agent accident or incident. If external civilian agencies are expected to respond and assist, they must have equipment and

training required to respond safely to the MCE scenario. Agreements with external agencies, including provisions for training, must be formalized.

c. Establish procedures for the orderly evacuation of personnel from areas in the contractor facility where personnel may be exposed if there is an unintentional release of chemical agent outside of engineering controls.

d. Exercise CAIRA plans quarterly. If there are agreements with external civilian agencies to provide assistance, those agencies will be notified of exercises and be encouraged to participate or observe. If located on a military reservation, CAIRA plans may be integrated into quarterly installation exercises. See Chapter 4.

(1) As a minimum, external agencies should be encouraged to participate in actual CAIRA exercises annually.

(2) At least one CAIRA exercise will be evaluated by the COR or conducted under MACOM supervision annually.

(3) GOCO demilitarization facilities will exercise CAIRA plans quarterly with mandatory participation of government supporting agencies. If located on a military installation, CAIRA plans may be integrated into quarterly installation CAIRA exercises.

8-10. Chemical event reporting

a. Contractors will report all chemical events to the COR, using established chemical event notification procedures outlined in Army standard surety clauses. The contracting agency will report all chemical events as specified in Chapter 4. If located on a military reservation, contractors will also report all chemical events to the installation or host commander, who in turn will forward such reports as specified in Chapter 4 directly to HQDA.

b. Contractors will be required to notify local management/response officials per CAIRA plans approved by the COR.

c. Contractors will not be required to make public releases or notification of elected officials but are not restricted from doing so unless classified information is involved. The government will refer all media requests to the contractor, but will work with the contractor to address media inquiries. The COR will ensure that all local public releases of information are reported through chemical event reporting channels.

d. The government may respond to congressional inquiries concerning the event in coordination with contract management.

8-11. Personnel reliability program (PRP)

a. *Certifying Official.* The Army COR designated by the contracting officer will be the certifying official for those DOD contractor employees authorized to perform chemical surety duties. The contracting officer may authorize delegation of certifying official duties to subordinate military or DA civilian personnel. Such delegation must be stipulated in the Contracting Officer's Delegation Letter to the COR. Certifying officials will ensure that contracts require contractor employees performing PRP duties in positions subject to this regulation to meet the PRP reliability standards outlined in Chapter 2 and in the DA approved standard surety clause. Specifically, certifying officials will—

(1) Inform managerial, supervisory, medical, and other contractor personnel of the purposes, standards, procedures, and responsibilities required for implementing the chemical PRP.

(2) Inform and instruct each employee assigned PRP duties of the significance of assignment, importance of reliable performance, PRP standards, safety and security considerations, and continuing evaluation requirements for self reporting and peer review of factors and situations that could affect job performance or reliability. The contractor will foster a positive attitude toward both the chemical PRP and chemical duties among PRP employees and will ensure that each PRP employee understands that maintaining chemical PRP standards is a condition of continued employment in the chemical agent facility.

(3) Ensure that each employee to be assigned to a PRP position is subjected to a personnel security investigation, medical record

evaluation and substance abuse testing, personal interview, proficiency certification, and continuing evaluation under the reliability standards of the chemical PRP outlined in Chapter 2.

(4) Require that the contractor provides the certifying official with results of personnel security investigations, medical record evaluations, and substance abuse testing of any contractor employee assigned, or proposed to be assigned to a PRP duty position. In addition, the contractor must report immediately any other information about an employee relevant to maintaining PRP reliability standards.

(5) Provide for the continuing evaluation of employees assigned to chemical PRP positions by contractor supervisory personnel.

(6) Remove an employee from a chemical PRP position upon notification by the certifying official that the employee has been suspended or disqualified and notifies the certifying official in writing within 15 days of the removal action. Temporary restriction or temporary disqualification from chemical PRP duties requires that:

(a) The employee be instructed to cease performance of chemical PRP duties.

(b) The employee be prevented from entering any facility which would allow the individual access to areas containing chemical agent.

(c) The employee be removed from a chemical PRP position upon determination by the certifying official that the employee no longer meets chemical PRP reliability standards and has been permanently disqualified. This action shall be made a matter of permanent record.

(7) Provide to the Defense Industrial Security Clearance Office (DISCO), ATTN: S0831, P.O. Box 2499, Columbus, OH 43216-5006, a list of all personnel in the chemical PRP that have security clearances granted by DISCO. Update lists as needed. Lists will include the full name and SSN of each employee; name and address of the employing contractor facility; and the title, address, and DSN telephone number of the Army certifying official for the contract.

(8) Sign Part IV of the DA Form 3180-R for employees being screened into the PRP prior to signing Part V and placing the individual on the CDPR.

(9) Restrict individuals from performing chemical duties when performance is impaired by use of medication, temporary medical or physical conditions, or short term stress.

(10) Authenticate the CDPR for the contractor's facility.

b. *Reviewing Official.* The certifying official's supervisor will be the reviewing official. When the certifying approval is delegated below the COR pursuant to paragraph 9-11a above, the COR will be the reviewing official. The reviewing official is not required to be in the chemical PRP.

c. *Chemical PRP Administration Official.*

(1) At COCO installations or activities where the Army COR may not be stationed on the installation and at GOCO demilitarization facilities, the certifying official may designate the contractor or one or more senior supervisory contractor employees to assist in administering the day to day certifying official duties. A chemical PRP administration official may be appointed at the contract facility to facilitate the management of the chemical PRP at the contractor facility. This official will be nominated by the contractor and approved by the COR. The official should have supervisory responsibility for all personnel with access to chemical agent.

(2) The chemical PRP administration official may perform all duties normally associated with the certifying official except for the decisionmaking functions of determining chemical PRP suitability, temporarily restricting personnel from PRP duties based on medical conditions, and disqualifying personnel from the PRP. The contractor may, however, administratively remove employees from PRP duties as needed. The certifying official must complete Parts IV and VIII of DA Form 3180-R. The chemical PRP administration official may be delegated the authority to sign Part V.

(3) The chemical PRP administration official may be delegated the authority to medically restrict an individual from performing PRP related duties; however, in cases where the individual does not wish medical authorities to forward such personal information to the PRP

administration official, the certifying official must perform the medical restriction function.

(4) The chemical PRP administration official may be authorized to authenticate the chemical duty position roster.

d. Privacy Act Considerations. Provisions of the Privacy Act of 1974 apply. Additionally, all personnel wishing to be considered for assignment to chemical PRP positions must grant authority for release of information and records to allow the government to review company medical, personnel, and security files. If an individual does not wish to grant permission for the records check and review, he will not be considered for PRP duties.

e. Exceptions to Policy. Requests for exceptions to policy will be forwarded with justification through command channels to HQDA (DAMO-FDB), WASH D.C. 20310-0430. Requests will be considered on a case-by-case basis.

f. Foreign Nationals. At GOCO demilitarization facilities, foreign nationals being trained in chemical demilitarization operations or serving as international inspectors under the Chemical Weapons Convention, Bilateral Destruction Agreement, or Bilateral Destruction Cooperation Agreement may be granted interim chemical PRP certification. Interim certification may be granted by the demilitarization facility's certifying official based on written certification by an official of the appropriate government or international organization, such as the U.N. Technical Secretariat or an embassy, that the individual meets reliability standards outlined in this regulation. Per paragraph 3-5c, the individual granted interim certification is not permitted to perform chemical duties under the two person rule with another interim certified individual. The individual will not be granted full certification. The individual will be subject to the full provisions of the PRP continuous evaluation process excluding drug testing. Evidence of misconduct will result in revocation of the individual's interim chemical PRP status. The individual's government or sponsoring international organization will be notified of such actions.

g. Drug Abuse Screening/Urinalysis Testing. All prospective employees found to be suitable for assignment to PRP duties will undergo drug abuse screening prior to PRP certification. After certification into the PRP, all contractor employees will be tested periodically on a random basis to ensure the deterrent value of the testing.

h. Personnel security investigations (PSI).

(1) Contractor employees must possess a current and valid PSI. The PSI is valid if—

(a) It is a favorably completed National Agency Check (NAC) or higher.

(b) It was completed within the last five years.

(c) There has been no break of over 24 months in either federal-contract employment with access to classified information under the Industrial Security Program or employment in a nuclear or chemical duty position.

(2) PSI requests for all contractor employees being considered for assignment to chemical duty positions will be submitted through, or by, the contracting office. The contracting office will verify citizenship status prior to processing the PSI request.

(3) For contractor employees requiring a security clearance, appropriate industrial security clearance forms will be submitted through the contracting office to DISCO for security clearance adjudication. The contract should require the contractor to provide the contracting office with any information that would be sent to DISCO if the employee were cleared under the DOD Industrial Security Program.

(4) For contractor employees not requiring a security clearance, the contractor will send NAC requests to the contracting office using DD Form 398-2 (Personnel Security Questionnaire (National Agency Check)) and FD Form 258 (Applicant Fingerprint Card) for submission to DIS.

(5) The contracting office will establish processing procedures with DIS and/or DISCO and ensure that any reports of investigation are returned to the contracting office. The Army certifying official will adjudicate the PSI for chemical PRP purposes. Under no circumstances will the contracting office disclose to the contractor any

information about a contractor employee that was developed in the course of official investigations. In the event that the PSI is unfavorable for chemical PRP purposes, the contractor will simply be told that the employee is unsuitable for the chemical PRP. Permanent disqualification procedures will then be initiated. DIS Form 1 or DISCO Form Letter 72 will be considered as evidence of a favorable PSI for contractor personnel. A memorandum for record signed by the certifying official indicating the completion date of the investigation and the date the report of investigation was reviewed will be maintained by the contracting agency for all personnel certified into the chemical PRP.

i. Screening and Evaluation Procedures

(1) The DA Form 3180-R will be used for each contract individual screened and evaluated for chemical PRP. The sequence of screening and processing may be adapted to meet local needs.

(2) Screening and evaluation procedures will be established consistent with those prescribed in Chapter 2, Section III. As a minimum, procedures will be established to accomplish the following:

(a) Certifying official's initial interview.

(b) Personnel and security records screening.

(c) Medical evaluation.

(d) Certifying official's evaluation and briefing Parts IV and V of the DA Form 3180-R.

(e) Identification of personnel and medical records. (DA Label 164 may be used to mark personnel records and DA Form 4515 may be used in medical records).

(f) Continuing evaluation.

(3) Determination of dependency or abuse for contractor personnel involved in alcohol incidents will be made by a physician (or other appropriately privileged health care provider supervised by a physician) per current Diagnostic and Statistical Manual of Mental Disorders.

j. Disqualification Procedures

(1) When the certifying official has determined that an individual is not suitable for the chemical PRP, permanent disqualification procedures will be initiated by the certifying official. Since the reasons for disqualification may not be disclosed to either the contractor or the chemical PRP administration official, the certifying official will communicate or correspond directly with the individual being disqualified. The permanent disqualification process may be completed through certified mail with return receipt. The certifying official may waive normal suspenses for notification and review. In all cases, however, the disqualification process must be accomplished promptly.

(2) Distribution of the completed DA Form 3180-R will be as follows:

(a) Original, with copies of the written notification and the signed acknowledgment, plus a copy of the final action by the reviewing official, will be kept by the certifying official.

(b) One copy to the contractor. The contractor should send copies, or memos, to appropriate personnel and medical offices for necessary action and to clear files. In the event disqualification was a government action resulting from adverse information developed during the PSI, copies of the DA Form 3180-R will not be provided to the contractor. Instead, the contractor will be given written notice that the individual is disqualified because of an unfavorable PSI, without specifying the reasons.

(3) If the individual had been cleared under the DOD Industrial Security Program and was disqualified for acts reflecting adversely on loyalty, character, integrity, or discretion; and the acts were clearly not consistent with national interest (as outlined in DOD 5220.22-M, para 6-b), the certifying official (or contractor) must also report this information to DISCO.

k. Contractor PRP requalification procedures are outlined in Chapter 2 of this regulation.

8-12. Chemical surety program evaluation requirements

a. Commands with GOCO demilitarization and COCORDA chemical agent contracting responsibility will establish oversight programs.

b. MACOM, MSC, and DA oversight surveillance of chemical

agent safety, surety, and security inspections will be conducted during the contracting agency's normal contractor compliance visits. The DAIG may conduct CSIs of contracting agencies and COCO facilities and operations as outlined in

c. CORs performing certifying official duties will conduct contractor compliance visits at nine month intervals. These visits may be unannounced. Functional area experts may accompany the COR to assist in conducting compliance inspections. CORs may substitute a DAIG CSI for a periodic compliance visit if the COR accompanied the DAIG inspection team during the CSI. Scope of visits will focus on compliance with contract requirements. As a minimum, the following areas will be reviewed during compliance inspections:

- (1) Chemical PRP Management.
- (2) Safety.
- (3) Physical Security.
- (5) CAIRA planning and readiness.

Chapter 9 Research Chemical Agents

9-1. General

a. This chapter provides special guidance for research chemical agents. Guidance varies based on concentration and quantity of chemical agent. In general, larger quantities and greater concentrations of research chemical agents require more stringent safety, security, and accountability control than small quantities of neat research chemical agent and RDTE dilute solutions. Specifically, these levels of research chemical agent present a significantly reduced level of hazard:

- (1) Research chemical agents in aggregate quantities not exceeding one liter.
 - (2) RDTE dilute solutions in concentrations and quantities not exceeding levels listed in Table 9-1.
 - (3) Neat research chemical agent in quantities not exceeding threshold levels in Table 9-2.
- b. Provisions of this chapter do not apply if during operations concentrations and quantities increase above threshold levels. For example:

- (1) By reducing the solvent content of dilute solutions such that the concentration increases.
- (2) By opening more than one primary container within any given engineering control such that the sum total amount exceeds prescribed thresholds.
- (3) By pooling fractions of agents such that the sum total exceeds the prescribed thresholds.

c. The general requirements of this regulation are not applicable to experimental chemical agents used in RDTE that are not listed in paragraph B-1, Appendix B except as specified in this chapter.

9-2. Safety

a. Safety procedures and guidance for the use of RDTE dilute solutions and neat research chemical agent are outlined in AR

385-61 and DA Pam 385-61. DA PAM 385-61 applies to experimental chemical agents.

b. RDTE solutions and neat chemical agents within the threshold levels of Table 9-1 and Table 9-2 do not require the application of the two-person rule or establishment of a PRP.

c. The two-person rule will be observed during handling and use of neat research chemical above threshold levels in Table 9-2. Similarly, the provisions of the chemical PRP outlined in Chapter 3 will apply to the storage and handling of neat research chemical agents above threshold levels in Table 9-2.

9-3. Transportation

a. The provisions of Chapter 4 of this regulation apply to the movement of research chemical agents and experimental agents except where specifically modified or specified below.

b. RDTE dilute solutions (see Table 9-1) in aggregate quantities not exceeding one liter and neat research chemical agent in quantities not exceeding threshold levels (see Table 9-2) may be shipped, in signature secure mode, via qualified hazardous material carrier using procedures which will ensure full accountability and control. Quantities of chemical agent will be packaged and shipped IAW specifications in applicable DOT regulations (49 CFR) regarding packaging and labeling. An appropriately modified Report of Shipment (see Chapter 3) will be prepared by the consignor for all commercial shipments.

c. RDTE dilute solutions in aggregate quantities exceeding one liter and neat research chemical agent quantities exceeding threshold levels in Table 9-2 will be transported by military aircraft or government leased aircraft whenever possible. Ground transportation will be by government, leased, or contractor-owned vehicles.

d. RDTE dilute solutions in aggregate quantities exceeding one liter and neat research chemical agent quantities exceeding threshold levels in Table 9-2 will be accompanied during transport by at least two individuals knowledgeable in safety, security, custody, and accountability procedures. These individuals will be PRP certified but need not be armed. Additional guidance is contained in Chapter 4 (Transportation).

e. By policy, movement of bulk quantities of RDTE dilute solutions will not exceed one liter of neat agent equivalent. Requests for exceptions to policy to move RDTE dilute quantities greater than one liter neat equivalent will be forwarded through command channels to HQDA (DAMO-FDB), WASHDC. 20310-0430 as soon as the need has been identified.

9-4. Protection

Security requirements for Category III research chemical agents are prescribed in AR 190-59. Requirements for quantities of agent which are less than threshold levels established in Table 10-2 will be established by MACOMs. Appropriate security requirements for RDTE dilute solutions and RCA located at COCO facilities will be provided in DA approved chemical agent security clause documents.

Table 9-1
RDTE Dilute Solutions

AGENTS ¹	MAXIMUM TOTAL QUANTITY ²	MAXIMUM CONCENTRATION
GA, GB, GD, GF	20 mg	2.0 mg/ml
VX	10 mg	1.0 mg/ml
H, HD, HQ, HT, Q, T	100 mg	10.0 mg/ml

Table 9-1
RDTE Dilute Solutions—Continued

AGENTS ¹	MAXIMUM TOTAL QUANTITY ²	MAXIMUM CONCENTRATION
L, HL	50 mg	5.0 mg/ml

Notes:

¹ 1. The common name and chemical name of unclassified agents are as follows: a. GA—Tabun—Ethyl N, N-dimethylphosphoramidocyanidate. b. GB—Sarin—Isopropyl methylphosphonofluoridate. c. GD—Soman—Pinacolyl methylphosphonofluoridate. d. GF—Cyclohexyl methylphosphonofluoridate. e. H—Levinstein Mustard—70 percent Bis-dichloroethyl sulfide, 30 percent Polysulfides. f. HD—Distilled Mustard—Bis-dichloroethyl sulfide. g. HL—Lewisite Mustard—mixture of Bis-dichloroethyl sulfide and Dichloro (2-chlorovinyl) arsine. h. HQ—52.5 percent Bis-dichloroethyl sulfide, 25 percent Bis (B-chloroethylthio) ethane and 22.5 percent polysulfides. i. HT—60 percent Bis-dichloroethyl sulfide, 40 percent Bis (2-chloroethylthio ethyl) ether. j. L—Lewisite—Dichloro (2-chlorovinyl) arsine. k. Q—Sesqui-Mustard—Bis(B-chloroethylthio)ethane. l. T—Bis (2-chloroethylthioethyl) ether. m. VX—O-ethyl S-(2-diisopropylaminoethyl)methylphosphonothiolate.

2. Maximum amount of agent in the solution for each primary container, not to exceed the concentration indicated.

3. The complete list of chemical agents is located at Appendix B.

Table 9-2
Chemical Surety Threshold Levels (ml) of Neat Research Chemical Agents

HD	L	VX	GA, GB, GD, GF
25.0	25.0	1.0	10.0 ²

Notes:

1. All quantities are expressed in milliliters.

2. Aggregate total for "G" series agents in 1 ml primary containers.

Chapter 10

Recovered Chemical Warfare Material (RCWM)

10-1. General

a. This chapter applies to all recovered chemical warfare material (RCWM) as defined in the glossary regardless of how acquired, whether by deliberate unearthing as a part of real property remediation/removal operations or by chance discovery.

b. U.S. Army Chemical Surety Program provisions in this regulation are not applicable to RCWM except as outlined in this chapter.

10-2. Assessment of RCWM

a. Upon discovery of RCWM, a preliminary assessment will be made by the initial EOD or TEU responders.

b. As soon as possible after recovery of RCWM, TEU will conduct a detailed assessment to include a written report with photographs and test results. Such documented assessments will be based upon circumstances of discovery, gross and/or low level monitoring, visual examination, physical characteristics, X-ray imagery, and other testing as appropriate.

c. If a positive determination cannot be made concerning contents, the unknown RCWM will be managed IAW procedures applicable to most hazardous of potential fills, as determined by the circumstances associated with discovery.

10-3. Classification of RCWM

a. Chemical agent material found buried will be classified as hazardous waste and managed in compliance with environmental laws and regulations, as applicable: Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Superfund Amendments and Reauthorization Act (SARA); Resource Conservation and Recovery Act (RCRA).

(1) The past burial of chemical warfare material will be considered an indicator of the U.S. Government's intent to discard the material as waste.

(2) If the recovery organization believes that the buried RCWM is not subject to management under the provisions of CERCLA, SARA, or RCRA, no offsite removal action of that RCWM will commence until the Office of the Assistant Secretary of the Army (Installations, Logistics, and Environment) (ASA(IL&E)) has reviewed the circumstances and made a final determination.

b. Chemical munitions discovered on firing ranges may be

destroyed in place without classification as hazardous wastes if such destruction is approved by regulatory agencies, as applicable.

(1) Chemical munitions transported from firing ranges for the purpose of storage pending destruction or treatment will be classified as hazardous waste and managed IAW CERCLA, RCRA, and other environmental laws and regulations, as applicable.

(2) Chemical debris and residues transported from firing ranges for the purpose of storage or disposal will be classified as hazardous waste and managed per CERCLA, RCRA, and other environmental laws and regulations, as appropriate.

(3) If the recovery organization believes that the transport of range-discovered munitions, debris, or residues are not under the purview of CERCLA or RCRA, the removal action will not commence until the Office of the Assistant Secretary of the Army (Installations, Logistics, and Environment) (ASA(IL&E)) has reviewed the circumstances and made a final determination concerning classification.

10-4. On site management of RCWM

a. Deliberate unearthing of suspect RCWM will not begin until all required plans and approvals are obtained for the transportation and storage or treatment unless such recovery is specifically authorized by ASA(IL&E). CAIRA response plans will be integrated into site specific safety and health plans (See Chapter 4 and 5).

b. U.S. Army EOD will perform only emergency containment and emergency storage operations. On site destruction of RCWM will be performed only by specially qualified personnel.

c. Emergency on-site destruction of chemical munitions may be considered as an option to reduce risk.

d. Non-emergency on-site destruction of chemical munitions may be considered as an option subject to CERCLA or RCRA and managed IAW environmental laws and regulations, as applicable.

e. Safety concerning RCWM containing suspect chemical agent will be IAW AR 385-61 and DA Pam 385-61.

f. Safety concerning RCWM containing suspect highly toxic industrial chemicals (e.g. chlorine, hydrogen cyanide, potassium cyanide, carbonyl chloride, cyanogen chloride, chloropicrin) will be per AR 385-10 and practices which are generally accepted for industrial operations.

g. Safety concerning RCWM containing explosive components will be per AR 385-61, DA Pam 385-61, AR 385-64, and DA Pam 385-64.

h. Security concerning RCWM containing suspect chemical agent

orexplosives will be per the protective measures specified in AR 190-11 for Category II ammunition and explosives.

(1) Vulnerability assessments may be used to modify protective measures subject to approval by the first general officer in the chain of supervision of the operation.

(2) Access to such items will be limited to personnel who are knowledgeable concerning the safety, security, custody, and accountability of chemical agents and explosives. Although personnel are not required to be in the PRP, the two person rule will apply for reasons of safety.

i. Security concerning RCWM containing suspect highly toxic industrial chemicals will be IAW measures generally accepted for industrial operations.

(1) Vulnerability assessments may be used to increase protective measures, if warranted.

(2) Access to such items will be limited to personnel who are knowledgeable with the safety and/or security procedures associated with industrial chemicals. The two person rule will apply for reasons of safety.

j. On site security between the time of discovery and time of treatment/transport will be provided by the commander with area responsibility or by local law enforcement authorities, as applicable.

10-5. On site management of contaminated soil and debris

a. Soil suspected of contamination by chemical agents or industrial chemicals will be presumed hazardous until confirmed otherwise by laboratory analysis.

b. Soil suspected of contamination will be managed on site per environmental laws and regulations, as applicable.

10-6. On site Management of Laboratory Chemicals and Samples

a. Laboratory quantities of dilute and neat chemical agent stored and used on site for monitoring equipment and other analytical purposes will be exempt from the surety requirements of this regulation and managed per the laboratory safety and laboratory security provisions of 29 CFR 1910.1450, AR 385-61, and DA Pam 385-61. Laboratory technicians will not be required to be in the PRP, but the two person rule will be required for safety purposes.

b. Laboratory chemical agent samples will be exempt from the surety requirements of this regulation and managed per the laboratory safety and laboratory security provisions of 29 CFR 1910.1450. Laboratory technicians will not be required to be in the PRP, but the two person rule will be required for safety purposes.

10-7. Off site transport of RCWM

a. CBDCOM will coordinate transportation plans with Federal and State regulatory agencies, as required.

(1) RCWM constituting an emergency threat to public health or safety will be transported under the emergency provisions of 50 USC 1517 per environmental/transportation laws and regulations, as applicable.

(2) RCWM not constituting an emergency threat to public health or safety will be transported under the general provisions of 50 USC 1512 and per environmental/transportation laws and regulations, as applicable.

b. In general, TEU will transport RCWM to an approved location if on-site treatment or disposal cannot be accomplished.

(1) No transport of RCWM from the site will commence until TEU receives verification from CBDCOM that the storage destination has been approved and that the required regulatory notifications have been accomplished.

(2) Transport of RCWM from the site will be conducted per 50 USC, AR 75-15, and environmental/transportation laws and regulations, as applicable.

(3) The decision whether to arm TEU escort personnel during transport will be made by the Commander, TEU.

10-8. Off site transport of contaminated soil and debris

a. Transport of contaminated soil and debris from the site will be per environmental/transportation laws and regulations, as applicable.

b. Accountability of contaminated soil and debris during transport will be maintained through regulatory chain of custody documentation, as applicable. TEU escort during transport of soil and debris is not required.

10-9. Off site transport of laboratory samples

a. Transport of samples containing suspect chemical agents and hazardous chemicals from the site will be per transportation laws and regulations, as applicable. Shipment by commercial carrier is authorized.

b. Accountability of laboratory samples during transport will be maintained through chain of custody documentation, as applicable. TEU escort during transport of laboratory samples is not required.

c. The destination of samples containing suspect chemical agent material will be limited to laboratories which have been certified for chemical agent analysis.

10-10. Off site storage of RCWM

a. AMC will prepare facilities for the long term storage of RCWM recovered within CONUS when off site storage is necessary pending final demilitarization or destruction.

(1) AMC will coordinate with state officials to obtain the required environmental permits for long term storage.

(2) AMC will designate the facility to which the RCWM will be transported, based on the availability of storage space and the nature of RCWM recovered.

b. HQDA (DAMO-FDB) will designate OCONUS facilities for the long term storage of RCWM recovered OCONUS when off site storage is necessary pending final demilitarization or destruction. HQDA (DAMO-FDB) will coordinate with the Department of State, as required.

c. RCWM stored in facilities pending demilitarization or destruction, will be managed per environmental laws and regulations, as applicable.

d. Safety measures concerning RCWM containing suspect highly toxic industrial chemicals such as chlorine, hydrogen cyanide, potassium cyanide, carbonyl chloride, cyanogen chloride, chloropicrin, etc. will conform to requirements and guidance in AR 385-10 and practices which are generally acceptable for industrial operations.

f. Safety measures concerning RCWM containing explosive components will comply with requirements and guidance contained in AR 385-61, DA Pam 385-61, AR 385-64, and DA Pam 385-64.

g. Security concerning RCWM containing chemical agent or explosives will be per protective measures specified in AR 190-11 for Category II ammunition and explosives.

(1) Vulnerability assessments may be used to modify protective measures subject to approval by the first general officer in the chain of supervision of the operation.

(2) Access to such items will be limited to personnel who are knowledgeable concerning the safety, security, custody, and accountability of chemical agents and explosives. Although personnel are not required to be in the PRP, the two person rule will apply for reasons of safety.

h. Security concerning RCWM containing highly toxic industrial chemicals will conform to good practice security measures generally accepted for industrial operations.

(1) Vulnerability assessments may be used to increase protective measures, if warranted.

(2) Access to such items will be limited to personnel who are knowledgeable with the safety and/or security procedures associated with industrial chemicals. The two person rule will apply for reasons of safety.

10-11. Reporting of RCWM

a. Recovery of an actual or suspected chemical agent munition or container will be reported by the site custodian per chemical event reporting procedures specified in Chapter 4.

(1) The installation commander will initiate the required chemical event report to the Army Operations Center and to HQDA (DAMO-FDB).

(2) The U.S. Army Corps of Engineers will initiate chemical event reports for RCWM discovered incidental to Defense Environmental Restoration Program projects at Formerly Used Defense Sites.

(3) CBDCOM will initiate the required chemical event reports in situations where the custodian is in doubt.

b. Recovery of an actual or suspected chemical agent munition or container will be reported by the site custodian to the National Inventory Control Point for reporting under applicable treaties. The U.S. Army Corps of Engineers will make such reports for all RCWM recoveries incidental to Defense Environmental Remediation Program projects, including all RCWM recovered at Formerly Used Defense Sites.

(1) The installation commander will notify the National Inventory Control Point.

(2) The U.S. Army Corps of Engineers will initiate reports for RCWM recoveries incidental to Defense Environmental Remediation Program projects, including all RCWM recovered at Formerly Used Defense Sites.

(3) CBDCOM will make the reports in cases where the custodian is in doubt.

Chapter 11 Accountability

11-1. General

This chapter provides guidance for the accountability of chemical agents in laboratory use and during chemical agent demilitarization/disposal operations. The chapter does not apply to chemical weapons and bulk agents in depot/depot activities where formal accountability records are maintained per AR 735-5 and National Inventory Control Point (NICP) guidance. Physical inventories as prescribed in AR 710-2 and AR 740-26 ensure the accuracy of accountable records.

11-2. Chemical agent accountability in laboratories

a. Commanders will ensure that quantities of chemical agent are maintained under a system of records that allows audit of chemical agent continuous custody. This system consists of both formal accountable records and supporting custodial records that provide an audit trail from chemical agent receipt to use, destruction, or transfer.

b. Accountable and custodial records will consist of a combination of inventories, shipping and transfer documents, location records, destruction certificates, and other documents as directed by the accountable officer. Official laboratory notebooks may be used as accountability records to the extent that they provide documentation of concentration, quantity, location, and use after the chemical agent is issued to the investigator or user.

c. Custodians have property responsibility under the provisions of AR 735-5. They will prepare and maintain custodial records as directed by the accountable officer and will submit copies of their procedures to the accountable officer for review. Custodians will forward copies of inventories, completed transfer documents, and destruction certificates to the accountable officer.

d. Accountability will be maintained by line item entry. A line item is a single primary container (a vessel, ampoule, cylinder, or other receptacle) which contains accountable chemical agent. The container will be labeled clearly to show its identity, the type of agent, the original quantity of material, and concentration (if other than neat agent). Where more than one substantially identical primary container is under the control of a single custodian, they may be aggregated as a single line item.

e. Line item inventories will be conducted at least semiannually. The inventory will show the line item description, location, name, organization, and signature of the custodian. Accountable officers

may prescribe additional inventories that permit verification by inspecting the seals on secondary or tertiary containers and their reconciliation with custodial records. Inventory requirements for chemical agent quantities in the custody of contractors is found in Chapter 9.

f. Quantities will be measured in the smallest practicable unit of weight or volume. This unit of measure will be prescribed by the accountable officer for issue to custodians and users. It will be based on the task to be performed and the precision of measuring devices used.

g. Accountable officers and custodians may also establish maximum amounts which may be accounted for by inventory adjustment. If discrepancies exceed this amount, the custodian will conduct causative research and provide the results to the accountable officer. If the causative research results in inconclusive findings for a loss adjustment, the local surety officer will be notified and will determine whether a report is required IAW AR 385-40 and Chapter 5 of this regulation. Technical or collateral investigations will be conducted as directed by the commander of the accountable organization.

h. RDTE dilute solutions that have been prepared from stock solutions and diluted below concentrations established in Table 10-1 will not be accountable under or controlled by this regulation except as specifically stated; however, positive controls will be established to ensure proper handling and treatment of these solutions.

11-3. Appointment

Accountable officers and custodians will be designated in writing.

a. Contractors may be designated as custodians by commanders of organizations responsible for the technical monitoring of contracts.

b. Commanders of organizations conducting RDTE with research chemical agent either in-house or under contract will provide to supporting accountable officers the names of the custodians authorized to receive the chemical agent material.

11-4. Requests by non-DOD agencies

Requests for research chemical agent by non-DoD government agencies, or their contractors, will be forwarded to HQDA (DAMO-FDB), WASH D.C. 20310-0430, for approval.

11-5. Chemical agent accountability during disposal operations

a. Accountability during disposal operations consists of chain of custody documents prescribed by the accountable officer. The basis for agent fill of munitions in the stockpile is the theoretical fill shown on the Worldwide Ammunition Reporting System (WARS) Report as modified by the actual measured amount removed during the chemical agent demilitarization process and the documenting of specific differences. The basis of fill for non stockpile items will be the measured amount of chemical agent removed during the disposal operation.

b. During disposal operations, the host storage custodian transfers chemical agent and munitions from the storage account to the demilitarization account prior to physically transferring the munitions to the disposal activity. The disposal activity operating maintenance contractor (OMC) custodian accepts formal responsibility from the host storage custodian upon delivery of chemical agent or munitions at the demilitarization facility (see AR 200-1). Accountability and records will be maintained throughout the demilitarization process. The disposal activity will use measuring devices designed and built into the demilitarization facility to determine and record the actual amount of agent removed from the munitions.

(1) Once the munitions are demilitarized, a destruction certificate is prepared by the OMC custodian and provided to the host storage custodian. Upon receipt of the destruction certificate, the host storage custodian adjusts his storage records by deleting the munitions listed on the destruction certificate. The host storage custodian will input data to the National Inventory Control Point (NICP) accountable officer to drop formal accountability of the chemical agent or munitions upon receipt of the destruction certificate from the disposal activity OMC. The host storage custodian then reports the destruction to the NICP accountable officer.

(2) In addition, the disposal activity measures and records quantities of drained chemical agent during disposal operations through measuring devices designed and integrated into the demilitarization facility. The disposal activity provides a written report to the NICP on a weekly basis indicating the amount of agent drained, processed, and stored. At the conclusion of each campaign, demilitarization records will be reconciled. Differences between the munition agent drained and the amount of chemical agent processed will be investigated if the aggregate discrepancy exceeds five percent of the total quantity of agent processed.

(3) The combination of reports of destruction of the chemical agent, the munition body/agent container, and the storage activity custodial officers reports of transfer of accountability/responsibility serve as the NICP basis for removal from the ammunition accounts records.

(4) Investigations for any accountability discrepancies or deviations will be initiated by the NICP.

c. Each instance of loss of integrity of the demilitarization facility's agent transfer and holding system will be investigated and documented. A report of each occurrence and investigation will accompany the disposal activity report to the NICP accountable officer.

d. Investigative reports of the loss of accountability of chemical agent will be furnished to HQDA, (DAMO-FDB), WASH D.C. 20310-0430. In addition, a chemical event report will be submitted per Chapter 5 of this regulation at the time of discovery of the loss.

Chapter 12

Termination of Surety Status

12-1. General

This chapter prescribes the procedures to terminate chemical surety status of a chemical installation or facility when chemical agent operations and storage are no longer performed.

12-2. Contractor Owned, Contractor Operated (COCO) Facilities

The surety status of COCO RDTE facilities will be terminated when the contractor has accounted for and transferred custody of all research chemical agent to the U.S. Army in accordance with contractual provisions and has been granted MACOM decertification.

12-3. Other Chemical Surety Facilities

Installation or site surety status will be terminated when all chemical agent in accessible form has been demilitarized, detoxified, transferred, or consumed in experimentation.

a. The requesting activity will forward a request through command channels to terminate its surety status to HQDA (DAMO-FDB). Requests for surety status termination will include—

(1) The commander's certification that no remaining accountable quantities of chemical agent in accessible form exist on the installation or facility.

(2) Chemical agent air monitoring surveys and results.

(3) Certification that all facilities, equipment, and areas are free from chemical agent contamination to the maximum extent possible, as determined by current technology.

(4) Documentation that supports a verifiable audit trail for all actions taken in the determination.

(5) A chemical safety plan that describes the specific safety requirements for operations in and near the decontaminated facilities.

(6) Milestone schedule for further site restoration/reclamation if required.

b. Upon approval, HQDA (DAMO-FDB) will issue a memorandum terminating the surety status of the installation or facility.

c. Upon receipt of the termination memorandum, the installation or facility will no longer be required to maintain surety requirements for security, accountability records may be appropriately retired, the PRP may be closed out, and emergency response capability may

be reduced to appropriate levels. Further, the installation and intermediate headquarters will take action to terminate agreements with external agencies supporting the former chemical surety mission.

d. Termination of the chemical surety mission does not abrogate the responsibility of such installations or facilities to maintain a safety program commensurate with remaining missions. In addition, these installations or facilities will continue to comply with chemical event reporting requirements (see Chapter 4) and guidance contained in DOD Dir 6055.9-STD concerning the marking of rooms/facilities which have been involved with chemical agents.

12-4. Site Restoration

When former government-owned chemical surety facilities are to be used for purposes other than which originally intended, site restoration operations may be required. As part of site restoration, installation, site, or facility commanders will—

a. Comply with guidance contained in AR 200-1, Environmental Protection and Enhancement, and other applicable Federal and state laws/regulations as applicable.

b. Submit a site safety plan forwarded through command channels to HQDA (DACS-SF), WASH D.C. 20310 for evaluation and approval. As a minimum, submissions will include—

(1) Decontamination actions necessary to ensure that all facilities, equipment, and areas are free from chemical agent contamination to levels established in site restoration plans.

(2) Procedures for air, ground, and water monitoring surveys.

(3) Documentation that supports a verifiable audit trail for all site restoration actions taken.

c. Upon completion of site restoration requirements, all records relating to the former surety mission will be appropriately retired to archival facilities.

Appendix A References

Section I Required Publications

AR 40–5

Preventive Medicine. (Cited in para 1-4*m*(5), and 5-3.)

AR 55–355

Defense Traffic Management Regulation. (Cited in para 4-3*l*, 4-3*n*, 3-6*b*, 3-6*d*, and 3-6*f*.)

AR 190–11

Physical Security of Arms, Ammunition, and Explosives. (Cited in para 10-4*h*, and 10-10.)

AR 190–59

Chemical Agent Security Program. (Cited in para 1-6*e*(2), 3-3*d*(3), 3-14*e*, 3-14*c*(2), 3-14*d*, 8-4, 8-7, and 9-4.)

AR 360–5

Public Information. (Cited in para 4-3*g*(3), and 4-4*e*(6).)

AR 380–67

The Department of the Army Personnel Security Program. (Cited in para 2-6*b*(3), 2-11*c* and 2-24.)

AR 380–86

Classification of Chemical Warfare and Chemical and Biological Defense Information. (Cited in para 3-5*a*, and 3-4*c*(1).)

AR 385–16

System Safety Engineering and Management. (Cited in para 5-1, and 5-2.)

AR 385–40

Accident Reporting and Records. (Cited in para 4-5*a-b*, and 11-2*g*.)

AR 385–61

The Army Toxic Chemical Agent Safety Program. (Cited in para 1-6*e*(1), 4-4*a*(1), 5-1, 5-2, 8-4, 8-8, 8-9*a*, 9-2*a*, 10-4*e*, 10-4*g*, and 10-10*f*.)

AR 385–64

Ammunition and Explosives Safety Standards. (Cited in para 6-2, 8-4, 10-4*g*, and 10-10*f*.)

AR 525–13

The Army Combating Terrorism Program. (Cited in para 4-4*a*(5).)

AR 600–37

Unfavorable Information. (Cited in para 2-11*c*.)

AR 680–29

Military Personnel, Organization, and Types of Transaction Codes. (Cited in para 2-4*g*, 2-21*d*(3), 2-24*b*(2).)

DA Pam 40–8

Occupational Health Guidelines for the Evaluation and Control of Occupational Exposure to Nerve Agents GA, GB, GD, and VX. (Cited in para 2-15*a*, and 4-4*a*(4).)

DA Pam 40–173

Occupational Health Guidelines for the Evaluation and Control of Occupational Exposure to Mustard Agents H, HD, and HT. (Cited in para 2-15*a*, and 4-4*a*(4).)

DA Pam 50–6

Chemical Accident or Incident Response and Assistance (CAIRA) Operations. (Cited in para 1-4*m*(1)-(3), 1-4*o*(3), 1-4*p*(11)-(13), 3-6*e*(4), 4-2*a*(3), 4-3*g*(3), 4-7*a*(2)-(4), and 8-9.)

DA Pam 385–61

Toxic Chemical Agent Safety Standards. (Cited in para 4-2*f*, 4-3*a*(1)-(3), and 6-1.)

PL 99–499

Superfund Amendments and Reauthorization Act (SARA). (Cited in para 11-3*a*(2), and 11-3*b*(2).)

42 USC 9601

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) (Cited in para 10-3*a*(2), and 10-3(2).)

47 USC

Resource Conservation and Recovery Act (RCRA)

Section II Related Publications

AR 10–16

U.S. Army Nuclear and Chemical Agency

AR 11–34

The Army Respiratory Protection Program

AR 15–6

Procedures for Investigating Officers and Boards of Officers

AR 20–1

Inspector General Activities and Procedures

AR 27–60

Patents, Inventions, and Copyrights

AR 40–13

Medical Support—Nuclear/Chemical Accidents and Incidents

AR 40–66

Medical Record and Quality Assurance Administration

AR 40–400

Patient Administration

AR 50–5

Nuclear Surety

AR 55–228

Transportation by Water of Explosives and Hazardous Cargo

AR 75–15

Responsibilities and Procedures for Explosive Ordnance Disposal

AR 95–1

Flight Regulations

AR 95–27

Operational Procedures For Aircraft Carrying Hazardous Materials

AR 190–14

Carrying of Firearms and Use of Force for Law Enforcement and Security Duties.

AR 190–40

Serious Incident Report

AR 200–1

Environmental Protection and Enhancement

AR 200-2 Environmental Effects of Army Actions	DODD 4500.32-R MILSTAMP Transportation Account Codes (TACs) Volume 2
AR 310-49 The Army Authorization Documents System (TAADS)	DODD 5160.65 Single Manager for Conventional Ammunition
AR 380-5 Department of the Army Information Security Program	DODD 5200.2-R Department of Defense Personnel Security Program
AR 381-12 Subversion and Espionage Directed Against U.S. Army (SAEDA)	DODD 5210.42 Nuclear Weapons Personnel Reliability Program
AR 381-20 U.S. Army Counterintelligence (CI) Activities	DODD 5210.65 Chemical Agent Security Program
AR 385-10 Army Safety Program	DODD 5220.22-M Industrial Security Manual for Safeguarding Classified Information
AR 385-14 Transportation Accident Prevention and Emergency Response Involving Conventional Munitions and Explosives	DODD 5220.22-R Industrial Security Regulation
AR 420-90 Fire Protection	DODD 6055.9-STD Ammunition and Explosive Safety Standards
AR 500-60 Disaster Relief	FM 3-21 Chemical Accident Contamination Control
AR 600-8-104 Military Personnel Information Management/Records	FM 8-285 Treatment of Chemical Agent Casualties and Conventional Military Chemical Injuries
AR 600-85 Alcohol and Drug Abuse Prevention and Control Program	SB 3-30 Chemical Materiel (Other than Class V) Storage Serviceability Standard
AR 700-22 Worldwide Ammunition Reporting System (WARS)	SB 3-30-2 Chemical-Biological Canisters and Filter Elements: Serviceability Lists
AR 710-2 Supply Policy Below the Wholesale Level	SB 742-1 Ammunition Surveillance Procedures
AR 735-5 Policies and Procedures for Property Accountability	TB 5-4200-200-10 Hand Portable Fire Extinguishers Approved for Army Users
AR 740-26 Physical Inventory Control	TB MED 502 Respiratory Protection Program
AR 740-32 Responsibilities for Technical Escort of Dangerous Materials.	TM 10-277 Chemical, Toxicological and Missile Fuel Handlers Protective Clothing
DA Pam 600-8 Management and Administrative Procedures.	TM 38-250 Packaging and Materials Handling: Preparation of Hazardous Materials for Military Air Shipment
DA Pam 600-8-1 SIDPERS Battalion S1 Level Procedures	TM 43-0001-26-1 Army Equipment Data Sheets; Chemical Defense Equipment
DA Pam 600-8-2 Standard Installation/Division Personnel System (SIDPERS): Personnel Service Center Level Procedures	TM 43-0001-26-2 Army Equipment Data Sheets; Chemical Weapons and Munitions
DA Pam 600-8-10 Management and Administration Procedures: Individual Assignment and Reassignment Procedures	FPM Federal Personnel Manual
DA Pam 600-8-23 Standard Installation/Division Personnel System (SIDPERS) Database Management Procedures	Code of Federal Regulation, Title 29, Chapter XVII, <quote2>Occupational Safety and Health Administ
DA Pam 738-750 Functional Users Manual for the Army Maintenance Management System (TAMMS)	FAR Federal Acquisition Regulation

DFARS
Defense Federal Acquisition Regulation Supplement

AFARS
Army Federal Acquisition Regulation Supplement

Section III Prescribed Forms

DA Form 3180-R
Personnel Screening and Evaluation Record

DA Form 4515
Personnel Reliability Program Record Identifier

DA Label 164
Nuclear/Chemical Personnel Record Label

Section IV Referenced Forms

DA Form 2-1
Personnel Qualification Record-Part II

DA Form 873
Certificate of Clearance and/or Security Determination

DA Form 5247-R
Request for Security Determination

DA Form 5248-R
Report of Unfavorable Information or Suspension of Access

DD Form 836
Special Instructions for Motor Vehicle Drivers

DD Form 398-2
DOD National Agency Questionnaire

DD Form 626
Motor Vehicle Inspection

DD Form 1387-2
Special Handling Data/Certification

FD Form 258
Applicant Fingerprint Card

SF 171
Personal Qualification Statement

SF 600
Health Record-Chronological Record of Medical Care

Appendix B Designation of Chemical Agents and Categories

B-1. Introduction

This appendix lists and categorizes the specific chemical agents that are controlled under the Army Chemical Surety Program.

Table B-1
Specific Chemical Agents/Precursors Considered as Chemical Agents.

No.	A. Toxic Chemicals	CAS Registry Number
(1)	O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates e.g. Sarin: O-Isopropyl methylphosphonofluoridate Soman: O-Pinalcolyl methylphosphonofluoridate	107-44-8 96-64-0
(2)	O-Alkyl ($\leq C_{10}$, incl. cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidocyanidates e.g. Tabun: O-Ethyl N,N-dimethyl phosphoramidocyanidate	77-81-6
(3)	O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) S-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonothiolates and corresponding alkylated or protonated salts e.g. VX: O-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate	50782-69-9
(4)	Sulfur mustards 2-Chloroethylchloromethylsulfide Mustard gas: Bis(2-chloroethyl)sulfide Bis(2-chloroethylthio)methane Sesquimustard: 1,2-Bis(2-chloroethylthio)ethane 1,3-Bis(2-chloroethylthio)-n-propane 1,4-Bis(2-chloroethylthio)-n-butane 1,5-Bis(2-chloroethylthio)-n-pentane Bis(2-chloroethylthiomethyl)ether Q-Mustard: Bis(2-chloroethylthioethyl)ether	2625-76-5 505-60-2 63869-13-6 3563-36-8 63905-10-2 not assigned not assigned 63918-90-1 63918-89-8
(5)	Lewisites Lewisite 1: 2-Chlorovinylchloroarsine Lewisite 2: Bis(2-chlorovinyl)chloroarsine Lewisite 3: Tris(2-chlorovinyl)arsine	541-25-3 40334-69-8 40334-70-1
(6)	Nitrogen mustards HN1: Bis(2-chloroethyl)ethylamine HN2: Bis(2-chloroethyl)methylamine HN3: Tris(2-chloroethyl)amine	538-07-8 51-75-2 555-77-1
B. Precursors		
(7)	Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides e.g. DF: Methylphosphonyldifluoride	676-99-3
(8)	O-Alkyl (H or $\leq C_{10}$, incl. cycloalkyl) O-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl	

Table B-1
Specific Chemical Agents/Precursors Considered as Chemical Agents.—Continued

No.	A. Toxic Chemicals	CAS Registry Number
	(Me, Et, n-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts e.g. QL: O-Ethyl O-2-diisopropylaminoethyl methylphosphonite	57856-11-8
(9)	Chlorosarin: O-Isopropyl methylphosphonochloridate	1445-76-7
(10)	Chlorosoman: O-Pinacolyl methylphosphonochloridate	7040-57-5

B-2. Categories of Chemical Agent

a. Category I. Chemical agent material as components of weapon systems which contain munitions or explosives, are in bulk form, or contained in binary chemical munitions loaded with both components as specified below.

- (1) Rockets
- (2) Land mines
- (3) One ton containers (nerve agents)
- (4) Projectiles and mortars
- (5) Bombs
- (6) Binary munitions or intermediates with both components uploaded or located together.
- (7) Other chemical agents as components of chemical weapons systems which contain explosives.
- (8) Agent filled spray tanks.

b. Category II. All other chemical agent material including bulk non-nerve agents stored in one ton containers less those items described below.

c. Category III. All research chemical agent quantities and concentrations that exceed the chemical surety threshold quantity levels (Table 9-2, Chapter 10) and RDTE dilute solutions (Table 9-1, Chapter 9) authorized for use in RDTE projects, surveillance programs, intelligence evaluation, or scheduled training programs.

B-3. Non-Surety Chemical Material

The following chemical agents listed in paragraph B-2, due to their relative non-lethal characteristics, are considered not within the scope of the Army Chemical Surety Program when configured or stored as listed:

- a.* Binary component precursors when stored separately.
- b.* Neat chemical agents in quantities not exceeding threshold quantities (see Table 9-2, chapter 9).
- c.* Chemical agents diluted to concentrations considered RDTE dilute solutions (see Table 9-1, Chapter 9).
- d.* Material contaminated with unrecoverable chemical agents (e.g., contaminated dirt, ground water, neutralent, filters, and wood).

B-4. Supplemental Guidance

a. Experimental chemical agent material is not considered as chemical agent within the scope of the Army Chemical Surety Program but will be controlled per Chapter 9.

b. Industrial chemicals formerly used as fills for chemical weapons are not considered as chemical agent under the scope of the Army Chemical Surety Program and will be controlled consistent with industrial safety practices.

c. Munitions filled with industrial chemicals are not considered as chemical agents or chemical weapons under the Army Chemical Surety Program.

Appendix C

Chemical Surety Program Management Control Evaluation Checklist: HQDA, MACOM, and Installation Level

C-1.

Function: Chemical Surety Program Establishment

C-2.

Purpose: To assist HQDA, MACOM, and Installation staff elements in evaluating their key management controls. It is not intended to cover all controls.

C-3. Instructions

Answers must be based on the actual testing of management controls (e.g., document analysis, direct observation, interviewing, sampling, simulation, other). Answers which indicate control problems must be explained (and corrective action indicated) in supporting documentation. These controls must be evaluated in accordance with the schedule in the Management Control Plan.

C-4. Test Questions

a. Have uniform DA policies for the scope and responsibilities of the Army Chemical Surety Program been established and are they coordinated with all affected or interested DOD elements and activities? (HQDA ONLY)

b. Are policies updated as needed to reflect changes in public law and DOD guidance to ensure mission compatibility. (HQDA ONLY)

c. Have chemical accident and incident response and assistance (CAIRA), and Chemical Stockpile Emergency Preparedness Program (CSEPP), policies and standards been established? (ALL)

d. Are CAIRA and CSEPP exercise evaluations reviewed to identify weaknesses and improvements? (ALL)

e. Is the Physical Security Program per AR 190-59, Chemical Agent Security Program. (MACOM, and INSTALLATIONS)

f. Is the Personnel Reliability Program per chapter 2, AR 50-6, Chemical Surety. (MACOM, and INSTALLATIONS)

g. Is the movement of chemical agents per chapter 3, AR 50-6, Chemical Surety. (ALL)

h. Is the Occupational Safety and Health Program For Chemical Agents per chapter 5, AR 50-6, Chemical Surety. (ALL)

i. Are all counterintelligence and operations security programs and procedures per chapter 6, AR 50-6, Chemical Surety. (ALL)

j. Is the chemical surety evaluation program per chapter 7, AR 50-6, Chemical Surety. (ALL)

k. Are all contractors' operated chemical agent programs per chapter 8, AR 50-6, Chemical Agent. (ALL)

l. Are all research chemical agents operations per chapter 9, AR 50-6, Chemical Surety. (ALL)

m. Are all chemical warfare material (RCWM) recovery plans per chapter 10, AR 50-6, Chemical Surety. (ALL)

n. Are all accountability procedures per chapter 11, AR 50-6, Chemical Surety. (ALL)

o. Are all the procedures, and chemical agent safety programs per AR 386-61, The Army Toxic Chemical Agent Safety Program, and DA Pam 381-61, Toxic Chemical Agent Safety Standards. (ALL)

p. Are all the chemical safety, surety, and security programs per all MACOM related directives, and regulations. (MACOM, and INSTALLATIONS)

C-5.

This checklist supersedes the checklist for AR 50-6, Combat Forces Operations/Chemical Activities, previously published in DA Circular 11-92-1. For assistance in responding to questions, contact the functional proponent.

C-6.

COMMENTS: Help make this a better review tool. Submit comments to the functional proponent: HQDA (DAMO-FDB) WASH DC 20310-0430.

Glossary

Section I Abbreviations

ACSIM

Assistant Chief of Staff, Installation Management

ADAPCP

Alcohol and Drug Abuse Prevention and Control Program

ADT

active duty for training

AEC

Army Environmental Center

AEL

airborne exposure limit

AMC

U.S. Army Materiel Command

AOC

Army Operations Center

ARSTAF

Army Staff

ASA(ILE)

Assistant Secretary of the Army (Installations, Logistics, and Environment)

CAI

chemical accident or incident

CAIRA

chemical accident or incident response and assistance

CAT

crisis action team

CBDCOM

U.S. Army Chemical and Biological Defense Command

CCF

U.S. Army Central Personnel Clearance Facility

CDPR

chemical duty position roster

CDR

commander

CERCLA

Comprehensive Environmental Response, Compensation, and Liability Act

CI

counterintelligence

CINC

Commander-in-Chief

CME

chemical management evaluation

COCO

contractor-owned, contractor-operated

CONUS

continental United States

COR

contracting officer's representative

CPA

Chief of Public Affairs

CPO

civilian personnel office

CSDP

Chemical Stockpile Disposal Program

CSEPP

Chemical Stockpile Emergency Preparedness Program

CSI

chemical surety inspection

CWC

Chemical Warfare Convention

DA

Department of the Army

DAIG

DA Inspector General

DCSINT

Deputy Chief of Staff for Intelligence

DCSLOG

Deputy Chief of Staff for Logistics

DCSOPS

Deputy Chief of Staff for Operations and Plans

DCSPER

Deputy Chief of Staff for Personnel

DCX

direction and control exercise

DDESB

Department of Defense Explosives Safety Board

DERP

Defense Environmental Restoration Program

DF

chemical agent symbol for the binary precursor methylphosphonicdifluoride

DIS

Defense Investigative Service

DISCO

Defense Industrial Security Clearance Office

DOD

Department of Defense

DOI

Department of Interior

DOIM

Director of Information Management

DOT

Department of Transportation

ENTNAC

Entrance National Agency Check

EOC

emergency operations center

EOD

explosive ordnance disposal

EPA

Environmental Protection Agency

EPZ

emergency planning zone

FEMA

Federal Emergency Management Agency

FOA

field operating agency

FORSCOM

U.S. Army Forces Command

FPM

federal personnel manual

FSX

full scale exercise

FUDS

formerly used defense site

GB

chemical agent symbol for the nerve agent Sarin

GB2

chemical agent symbol for the binary GB

GOCO

government-owned, contractor-operated

HQDA

Headquarters, Department of the Army

IDS

Intrusion Detection System

IG

inspector general

INSCOM

U.S. Army Intelligence and Security Command

IOC

Industrial Operations Command

IRF

initial response force

IRZ immediate response zone	NM chemical agent symbol for the binary precursor dimethylpolysulfide	RCRA Resource Conservation and Recovery Act
MACOM major Army command	OCONUS outside continental United States	R&D research and development
MAT medical augmentation team	OSPA Office of the Chief of Public Affairs	RCWM recovered chemical warfare material
MCAT medical chemical advisory team	ODCSOPS Office of the Deputy Chief of Staff for Operations and Plans	RDA research, development and acquisition
MCE maximum credible event	OJT on-the-job training	RDTE research, development, test, and evaluation
MEDCOM U.S. Army Medical Command	OMC operating maintenance contractor	REPSHIPS reports of shipments
MI military intelligence	OMPF official military personnel file	ROTC Reserve Officers Training Corps
MINICAM Miniature Continuous Air Monitoring System	OPA chemical agent symbol for the binary precursor isopropyl alcohol withamine	SARA Superfund Amendments and Reauthorization Act of 1986
MOA memorandum of agreement	OPF official personnel folder	SECDEF Secretary of Defense
MOS military occupational specialty	OPM Office of Personnel Management	SOP standing operating procedure
MPRJ Military Personnel Records Jacket, U.S. Army	OPSEC operations security	SRF service response force
MRDC U.S. Army Medical Research and Development Command	OSC on-scene coordinator	SRFX service response force exercise
MRICD U.S. Army Medical Institute of Chemical Defense	PA physician's assistant	SSBI single scope background investigation
MRT medical response team	PAZ protective action zone	SSN social security number
MSC major subordinate command	PCS permanent change of station	TDA/MTDA table of distribution and allowances/modification table of distribution and allowances.
MTOE modification table of organization and equipment	PERSCOM U.S. Total Army Personnel Command	TEO technical escort officer
NAC national agency check	PMFVS Protective Mask Fit Validation System	TEU U.S. Army Technical Escort Unit
NACI national agency check and written inquiries	PR periodic reinvestigation	TIG The Inspector General
NCA national command authority	PRP personnel reliability program	TOE table of organization and equipment
NCP National Contingency Plan	PRPAS personnel reliability program assignment status	TRADOC U.S. Army Training and Doctrine Command
NDA national defense area	PSI personnel security investigation	TSG The Surgeon General
NIOSH National Institute of Occupational Safety and Health	QL chemical agent symbol for the binary precursor O,O'-ethyl(2-isopropyl amino ethyl) methylphosphonite	TWA time weighted average
		UCMJ Uniform Code of Military Justice

UIC

unit identification code

USACE

U.S. Army Corps of Engineers

USADACS

U.S. Army Defense Ammunition Center and School

USAISEC

U.S. Army Information Systems Engineering Command

USANCA

U.S. Army Nuclear and Chemical Agency

USARPAC

U.S. Army Pacific

USATEU

U.S. Army Technical Escort Unit

VX

chemical agent symbol for the nerve agent VX

VX2

chemical agent symbol for the binary VX

Section II Terms

Access

Close physical proximity to a chemical agent in a container or munition under circumstances that could provide an opportunity to acquire, release, tamper with, damage, or come in direct contact with the chemical agent. Normally, a person would not be considered to have access if an escort or guard were provided for either the person or the chemical agent when the person is in close proximity of it.

Accessible form

Undiluted agent in surety quantities that has not been decontaminated or neutralized, and that could possibly be removed for unauthorized purposes. Includes agent in munitions, in bulk, and in laboratory containers.

Accountability

The obligation to keep accurate records of property, documents, or funds. Accountability is concerned primarily with records and does not necessarily imply actual possession.

Administrative (levy) screening

For a person on orders directing reassignment to a chemical surety duty position, a determination by the losing organization that the person is suitable and acceptable to perform PRP duties.

Binary chemical munitions

Munitions designed to use two relatively non-lethal chemicals that combine only during functioning of the weapon system to produce a chemical agent for release on target.

Binary precursors

The chemicals that combine to produce binary chemical agents. Examples of two common chemical agent ingredients are as follows:

a. The precursors for binary GB (GB2) are methylphosphonic difluoride (DF) and isopropyl alcohol with an amine added (OPA).

b. The precursors for binary VX (VX2) are O,O'-ethyl(2-diisopropylaminoethyl) methylphosphonite (QL) and dimethylpolysulfide (NM).

Binary munition components

The parts which form the binary munition and contain the binary precursors. When assembled, they become Category I chemical agent material under the Army Chemical Surety Program.

a. Critical component—the binary component of a munition (M20 DF Canister, BLU-80/B Bomb Body, XM277 Injector Assembly) that contains the less common chemical that is the essential ingredient for the formation of the lethal agent.

b. Non critical component—the binary component (M21 OPA Canister, MXU-695/B Ballonet, MLRS Rocket Pod) that contains the more common chemical used in a binary munition.

Buddy-aid

The administration of a chemical agent antidote to a person exhibiting symptoms of severe chemical agent poisoning when that person is unable to administer self-aid.

Certification

A determination by a certifying official that an individual meets the personnel reliability criteria established for assignment to a PRP position.

Certifying official

For military and DA civilian personnel, the immediate commander or if civil service, the immediate supervisor (minimum grade GS-10 or equivalent) responsible for the operation or security, or both, of chemical agent. For Army contractor personnel, the Army COR designated by the contracting officer is the certifying official. The certifying official certifies that personnel being considered for assignment to chemical duties meet the qualification requirements of the PRP.

Chemical agent

A chemical substance listed in Appendix B that is intended for use in military operations to kill, seriously injure, or incapacitate a person through its physiological properties. Excluded from consideration are industrial chemicals, riot control agents, chemical herbicides, smoke, and flame.

Chemical agent accountable officer

That person designated to keep inventory records for chemical agents from creation to destruction.

Chemical agent material

A quantity of chemical agent, or other substance or material contaminated with chemical agent.

Chemical accident/incident (CAI)

Chemical events involving chemical agent material.

a. Chemical accident. A chemical event resulting from non deliberate acts where safety is of primary concern.

b. Chemical incident. A chemical event resulting from deliberate acts (terrorism or criminal) where security is of concern.

Chemical management evaluation (CME)

An evaluation conducted by TIG or MACOM IG of chemical operations with inquiry into the chemical functions and responsibilities of staff agencies, inspection teams, major and intermediate command levels, and assistance teams to determine management, systemic, or functional problem areas in the chemical program attributable to any echelon.

Chemical surety

A system of safety and control measures designed to provide protection to the local population, workers, and the environment by ensuring that chemical agent operations are conducted safely; that chemical agents are secure; and that personnel involved in those operations meet the highest standards of reliability.

Chemical surety inspection

An inspection of a chemical surety organization conducted by TIG to determine the capability of the organization to perform specific tasks involving chemical agent material and associated equipment; provide security of chemical agent material; provide safety for the worker, the public, and the environment; and ensure the reliability of its chemical surety program.

Chemical weapon

A munition or projectile filled with chemical agent material manufactured for the purpose of conducting chemical warfare.

Complementary binary precursors

Both the critical and non critical precursors of a binary chemical agent (such as DF and OPA, or QL and NM).

Contracting office

The organization that has primary responsibility for awarding, monitoring, administering, and ensuring compliance with the contract, especially pertaining to the chemical surety program.

Critical binary precursors

DF and QL (see binary precursors).

Custody

Responsibility for the control of, transfer and movement of, and access to chemical agent material. Custody may or may not include accountability.

Decontamination

The process of decreasing the amount of chemical agent on any person, object, or area by absorbing, neutralizing, destroying, ventilating, or removing chemical agents.

Deficiency

A variance from prescribed procedures or criteria prescribed in technical manuals or other applicable regulations or publications.

Demilitarization

The mutilation, destruction, or neutralization of chemical agent material, rendering it harmless and ineffectual for military purposes.

Dilute solution

Chemical agents which have been reduced in strength (less than neat) by admixture (dilution). (See RDTE dilute solution.)

Emergency disposal

Immediate transportation and treatment or destruction of chemical agents or munitions when the senior explosive ordnance disposal person determines the health or safety of any person is clearly endangered. Emergency treatment operations may be conducted free of the prior approval restriction imposed by 50 USC 1512 and this regulation.

Exclusion area

The area immediately surrounding one or more receptacles in which chemical agents are contained. Normally, the boundaries of an exclusion area are the walls, floor, and ceiling of a storage structure, secure container, or a barrier that establishes the boundary of the exclusion area (such as an igloo or a fence). The inside of a chemical secure container is an exclusion area. In the absence of positive measures, access into the exclusion area constitutes access to the chemical agent.

Experimental chemical agents

A chemical substance being developed, altered, or tested as a potential threat agent for development of defensive measures or for the intended use of military employment to kill or incapacitate an adversary.

Explosive ordnance disposal

The detection, identification, field evaluations, rendering safe, recovery, and final disposal of unexploded explosive ordnance or munitions.

Explosive ordnance disposal procedures

Those particular courses or modes of action for access to, recovery, render safe, and final disposal of explosive ordnance or any hazardous material associated with an EOD incident.

Factor affecting operations

A situation, condition, or deficiency that may or may not be attributable to the inspected organization but significantly affects the organization's ability to perform its chemical surety mission. It may pertain to such matters

as command guidance; the adequacy of support; the availability or condition of facilities; the status of personnel, equipment, materiel, maintenance, or training; the provision of a safe and secure environment for chemical agent material; or the capability to adequately respond to a CAI.

First aid

Any one-time treatment, and any follow-up visit for the purpose of observation of minor scratches, cuts, burns, splinters, and so forth, which do not ordinarily require medical care. Such one-time treatment, and follow-up visit for observation, or the use of (up to three) atropine sulfate auto-injectors (MK-1 nerve agent antidote kit), is considered first aid, even though provided by a physician or registered medical professional personnel.

Industrial chemical

Chemicals developed or manufactured for use in industrial operations or research, by industry, government, or academia. These chemicals are not primarily manufactured for the specific purpose of producing human casualties or rendering equipment, facilities, or areas dangerous for use by man. Hydrogencyanide (AC), cyanogen chloride (CK), phosgene (CG), methylphosphonic difluoride (DF), and O-ethyl (2-isopropyl aminoethyl) methylphosphonite (QL) are considered industrial chemicals.

Initial response force

An emergency actions organization tasked to provide first response to a CAI at an installation assigned a chemical surety mission or in the public domain. Under the command of the installation commander or the commander of the nearest Army installation, the IRF is composed of command and control elements and emergency teams capable of providing emergency medical services and initiating those actions necessary to prevent, minimize, or mitigate hazards to public health and safety or to the environment. Depending on the severity of the CAI, the IRF is capable of initiating environmental restoration activities for completion under the installation restoration program.

Interim certification

Same as "certification," except performance of duty is subject to the restrictions of paragraph 3-5a pending receipt of the results of a new PSI.

Intrusion detection system

A security system consisting of one or more sensors capable of detecting one or more types of phenomena, signal media, annunciators, and energy source for signaling the entry or attempted entry of a person or other target into the area protected by the system.

Leaker

Munition or overpack from which chemical agent escapes.

Leaking munition

Munitions from which there has been a confirmed detection of chemical agent outside the munition body or bulk storage container.

Limited area

The area immediately surrounding one or more exclusion areas. Normally, the area between the boundaries of the exclusion areas and the perimeter boundary (such as the inner fence at a storage depot or inside of a laboratory room where chemical agent material is stored in chemical secure containers).

Maximum credible event

The worst single event that could occur at any time with maximal release of chemical agent from a munition, bulk container, or process as a result of an unintended, unplanned or accidental occurrence. The event must be realistic with reasonable probability of occurrence.

Most probable event

The worst potential mishap likely to occur during routine handling, storage, maintenance, or surveillance operations, which results in the release of agent and exposure of personnel.

National defense area

An area established on non-Federal lands located within the United States, its possessions or territories for the purposes of safeguarding classified defense information or protecting DoD equipment or material.

National Response Center

A joint EPA and Coast Guard Communications Center that takes the legally required reports of oil or hazardous substance spills or releases at or above the reportable quantities and communicates these to the pre-designated OSC for action.

Neat agent equivalent

The actual volume of chemical agents that will be formed when two separate volumes of that agent's precursors are mixed. The resulting chemical agent is deemed to be pure for purposes of accountability and for determining storage limits.

Neat chemical agent A non diluted,

full-strength (as manufactured) chemical agent. A chemical agent manufactured by the binary synthesis route will also be considered a neat agent regardless of purity. See table 10-2, Chapter 10 and Appendix B.

Neat research chemical agent

Chemical agents listed in appendix B used in RDA in small quantities. See Table 10-2, Appendix B for specific quantities.

Neutralization

The act of altering chemical, physical, and toxicological properties to render the chemical agent ineffective for use as intended.

Non surety chemical material

Chemical agents with relatively non-lethal

characteristics not considered within the scope of the Army Chemical Surety Program

Off-post

The area outside the boundaries of a military installation or facility.

Off-site

The area surrounding the on-site area.

On-scene coordinator

The Federal official pre designated by EPA or the USCG to coordinate and direct Federal responses under subpart D of the NCP, or the official designated by the lead agency to coordinate and direct removal actions under subpart E of the National Contingency Plan (NCP). DoD and DOE are included as OSC under subpart E. (The IRF or SRF commander is the DA OSC for a CAI.

On-site

An area around the scene of a chemical event under operational control of the OSC, technical escort officer, or the commander of the IRF or SRF. It includes any area established as an NDA.

Operations security

The protection of military operations and activities resulting from the identification and subsequent elimination or control of intelligence indicators (vulnerabilities) that are susceptible to hostile exploitation by an adversary.

Periodic surveillance

A close watch or observation, either electronic, mechanical, human, or any combination sufficiently frequent and adequate to make known any attempt to gain access to or unauthorized possession or control of chemical surety materiel.

Personal protective equipment

Protective clothing and equipment used to protect an individual from the effects of chemical agents.

PRP administration official

A contractor employed in a supervisory position and approved by the COR to facilitate the management of the PRP at the contractor facility, by performing duties normally performed by the certifying official except for the decision making functions of determining PRP suitability, certain temporary restrictions based on medical conditions, and PRP disqualification. when the COR is not physically stationed at the facility.

PRP monitor

An individual appointed by the certifying official to assist in the day to day administrative functions of the PRP.

RDA contractor

Contractor performing work related to the research, development, testing or acquisition of equipment or information.

RDTE dilute solution

Solutions of chemical agents in concentrations and quantities reduced by admixture (dilution) to levels which present significantly reduced hazards.

RDTE surveillance and training quantity

A quantity of chemical agent which is required for authorized RDTE projects, for specific surveillance programs to obtain data concerning chemical agent material life cycle, or for scheduled training purposes.

Recovered chemical warfare material

Chemical agent material and/or associated equipment and surrounding contaminated media discovered either by chance or during deliberate real estate recovery/restoration operations that was previously disposed of as waste. RCWM is classified as hazardous waste and not within the scope of the Army Chemical Surety Program.

Reportable quantities

For any CERCLA hazardous substance, the reportable quantity established in table 302.4 of 40 CFR, Part 302, for such substance; for any other substances, the reportable quantity is 1 pound. (For chemical surety agents it is 1 pound.)

Reviewing official

The immediate supervisor of a certifying official.

Self-aid

Administering a chemical agent antidote to oneself upon experiencing early symptoms of chemical agent poisoning.

Service response force

A DA-level emergency response organization, commanded by a general officer, capable of performing and sustaining the CAIRA mission. The SRF is composed of the IRF and follow-on forces consisting of a staff and specialized teams from various agencies and organizations involved in the response to and recovery from a CAI.

Research chemical agent

Chemical agent material used for the purposes of RDA. These include RDTE dilute solutions, experimental chemical agents, and neat chemical agents.

Technical escort

Individuals technically qualified and properly equipped to accompany designated materiel which requires a high degree of safety and security during shipment.

Temporary exclusion area

The area immediately surrounding chemical agent material that has been removed from its secure container, storage structure, storage area, or other authorized storage configuration. In the absence of positive measures to prevent physical access by unauthorized

persons; access to the temporary exclusion area constitutes access to chemical agent.

Threshold levels

Quantities of neat research chemical agent which, when exceeded, require more stringent controls in the areas of safety, security, and/or accountability within the Army Chemical Surety Program.

Two-person rule

A system designed to prohibit access by an individual to chemical agent by requiring the presence at all times of at least two authorized personnel, each capable of performing first aid in case of exposure to chemical agent or detecting incorrect or unauthorized procedures with respect to the task being performed. Each person must be familiar with applicable safety and security requirements.

Unsafe environment

A deviation from a safe environment that could cause a CAI.

Section III

Special Abbreviations and Terms

This section contains no entry.

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PERSONNEL SCREENING AND EVALUATION RECORD

For use of this form, see AR 50-5/6, the proponent agency is DCSOPS

A. NAME OF INDIVIDUAL (Last, First, MI)	B. GRADE	C. SSN
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PART I - INITIAL INTERVIEW

A. The interview required by AR 50-5/6 has been conducted by the certifying official or designated representative
Screen per ☐ AR 50-5 ☐ AR 50-6

B. NAME OF INTERVIEWER	C. GRADE	D. SIGNATURE	E. DATE
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PART II - PERSONNEL RECORDS SCREENING

A. Personnel records have been reviewed per AR 50-5/6. Information which may preclude assignment to the PRP ☐ is ☐ is not attached. This individual has a security clearance of ☐ Confidential ☐ Secret ☐ Top Secret that is based on ☐ (ENTNAC) ☐ (NAC) ☐ (NACT) ☐ (BI) ☐ (SBI) completed on _____

B. NAME OF SCREENING OFFICIAL	C. GRADE	D. SIGNATURE	E. DATE
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PART III - MEDICAL RECORDS SCREENING

A. Medical records have been reviewed per AR 50-5/6. Information which may preclude assignment to the PRP ☐ is ☐ is not attached.

B. NAME OF SCREENING OFFICIAL	C. GRADE	D. SIGNATURE	E. DATE
-------------------------------	----------	--------------	---------

PART IV - CERTIFYING OFFICIAL'S EVALUATION

A. Individual has been screened per AR 50-5/6. After thorough review of information provided, I find this individual ☐ suitable ☐ unsuitable for the PRP (AR 600-37 complied with)

B. NAME AND ORGANIZATION OF CERTIFYING OFFICIAL	C. GRADE	D. SIGNATURE	E. DATE
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PART V - CONTINUING EVALUATION/ASSIGNMENT BRIEFING

A. This individual is to be placed under continuing evaluation per AR 50-5/6. I have briefed this individual per AR 50-5/6 for ☐ training/levy or ☐ assignment to a ☐ nuclear ☐ chemical duty position

B. ORGANIZATION	C. INDIVIDUAL'S SIGNATURE	D. CERTIFYING OFFICIAL'S SIGNATURE	E. DATE

PART VI - TEMPORARY DISQUALIFICATION

PART VII - ADMINISTRATIVE TERMINATION

THIS INDIVIDUAL WAS TEMPORARILY DISQUALIFIED ON (Date) (Pencil Entry)	INDIVIDUAL'S PRP STATUS ADMINISTRATIVELY TERMINATED ON (Date)
---	---

PART VIII - PERMANENT DISQUALIFICATION (This Section To Be Completed Only Upon Permanent Disqualification.)

<p>A. Status at time of disqualification</p> <p><input type="checkbox"/> 1. Being screened for PRP</p> <p><input type="checkbox"/> 2. Attending Service school or training</p> <p><input type="checkbox"/> 3. Assigned to</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. critical nuclear duty position</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. controlled nuclear duty position</p> <p style="margin-left: 20px;"><input type="checkbox"/> c. chemical duty position</p> <p><input type="checkbox"/> 4. Loss of PRP-eligible MOS (Appendix C, AR 50-5)</p>	<p>B. Reason for permanent disqualification</p> <p><input type="checkbox"/> 1. Alcohol abuse</p> <p><input type="checkbox"/> 2. Drug abuse Type used <input type="checkbox"/> Narcotics <input type="checkbox"/> Depressants <input type="checkbox"/> Stimulants <input type="checkbox"/> Cannabis <input type="checkbox"/> Hallucinogen.</p> <p><input type="checkbox"/> 3. Negligence/delinquency in duty performance</p> <p><input type="checkbox"/> 4. Court martial/civilian convictions.</p> <p><input type="checkbox"/> 5. Physical/mental condition</p> <p><input type="checkbox"/> 6. Poor attitude/lack of motivation</p> <p><input type="checkbox"/> 7. Other</p>
<p>C. Rationale for disqualification</p>	

D. NAME, GRADE AND ORGANIZATION OF CERTIFYING OFFICIAL	E. SIGNATURE	F. UIC	G. DATE
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